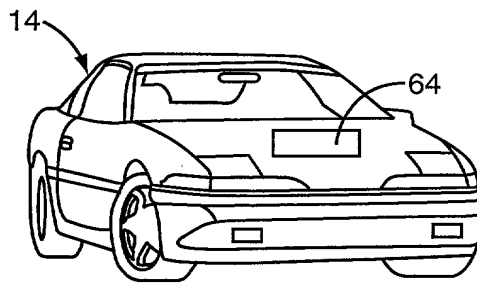
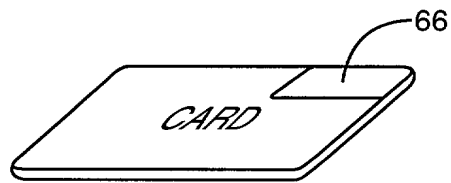


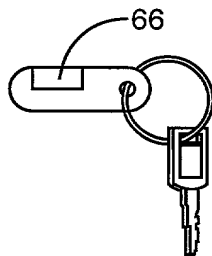
FIG. 1



**FIG. 2A**



**FIG. 2B**



**FIG. 2C**

FIG. 3

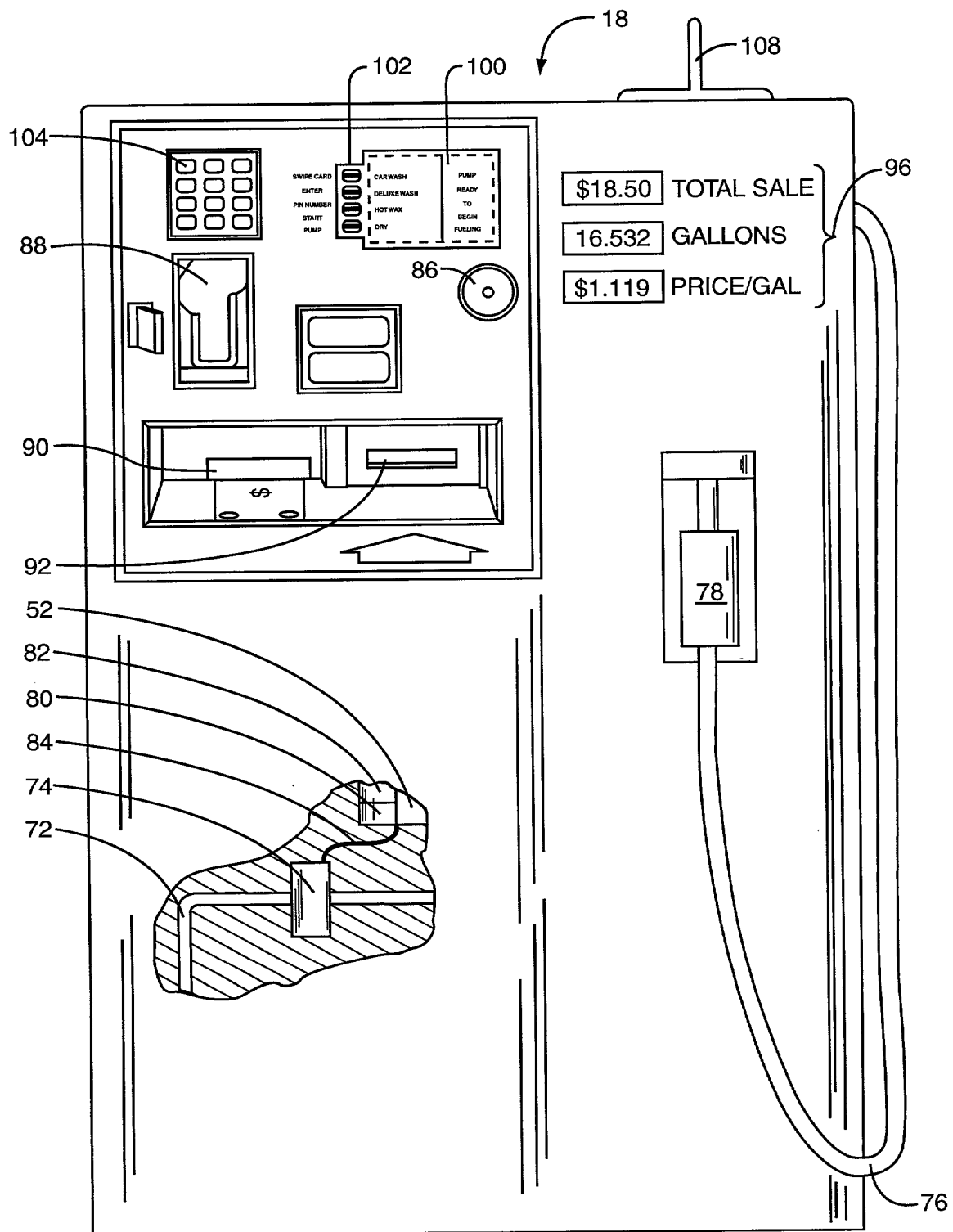


FIG. 3

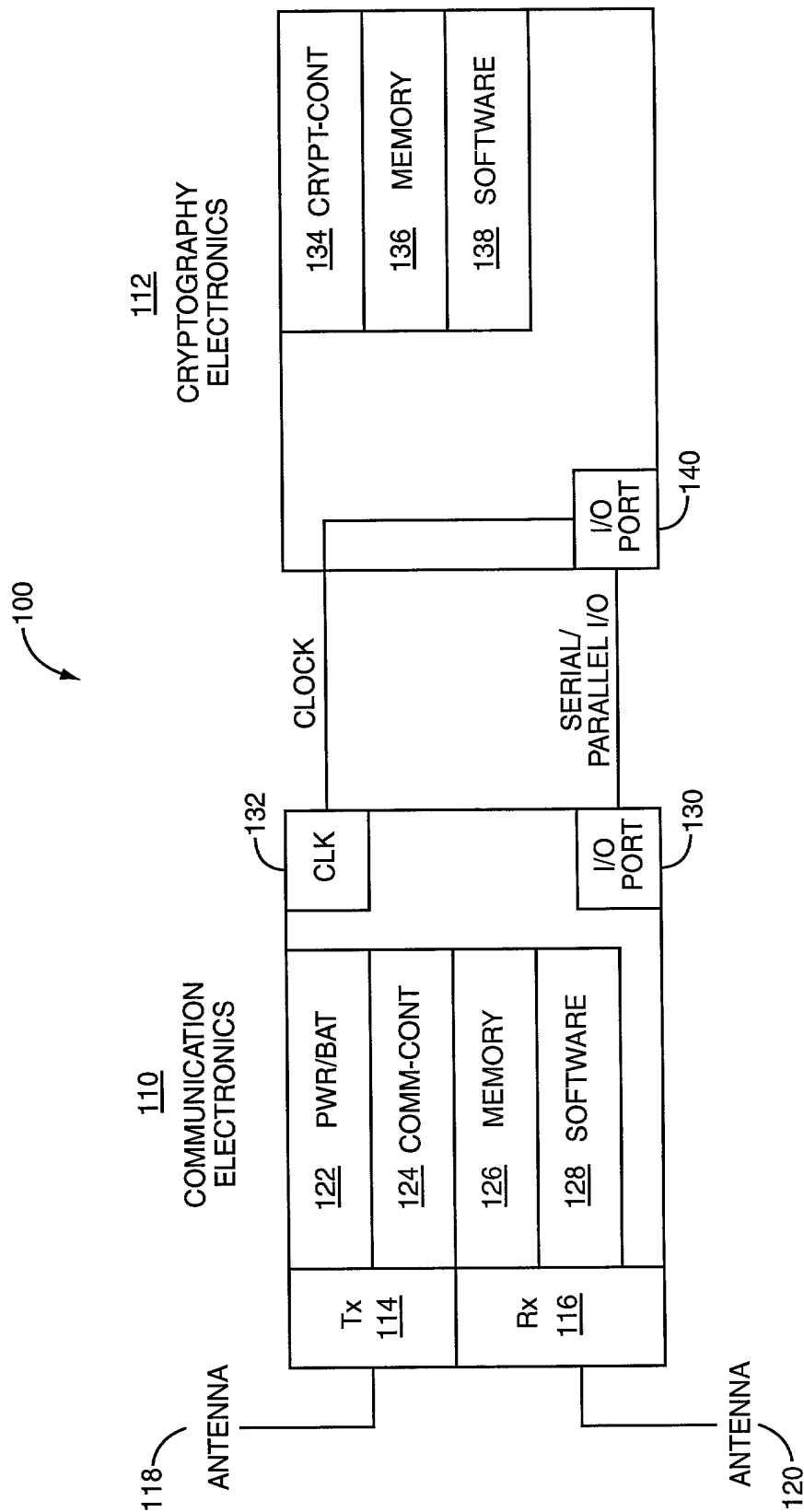


FIG. 4A

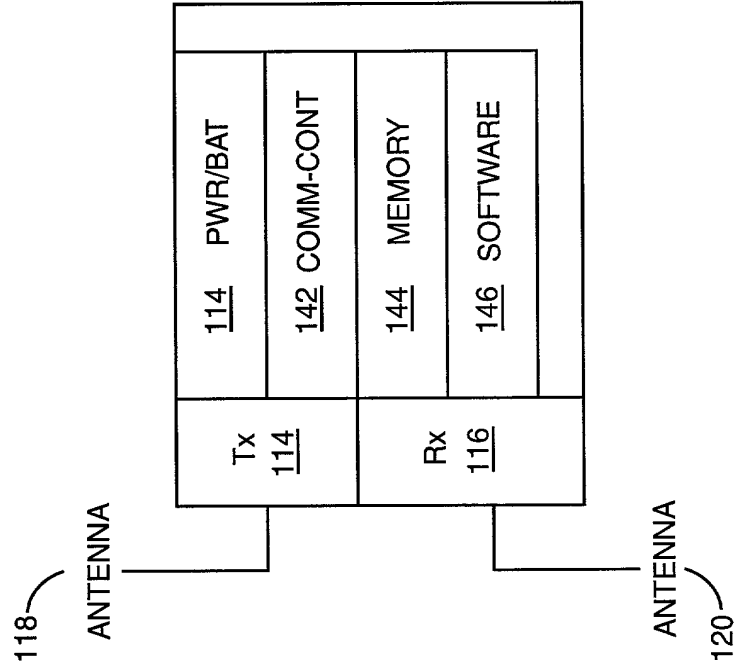


FIG. 4B

# DISPENSER ELECTRONICS

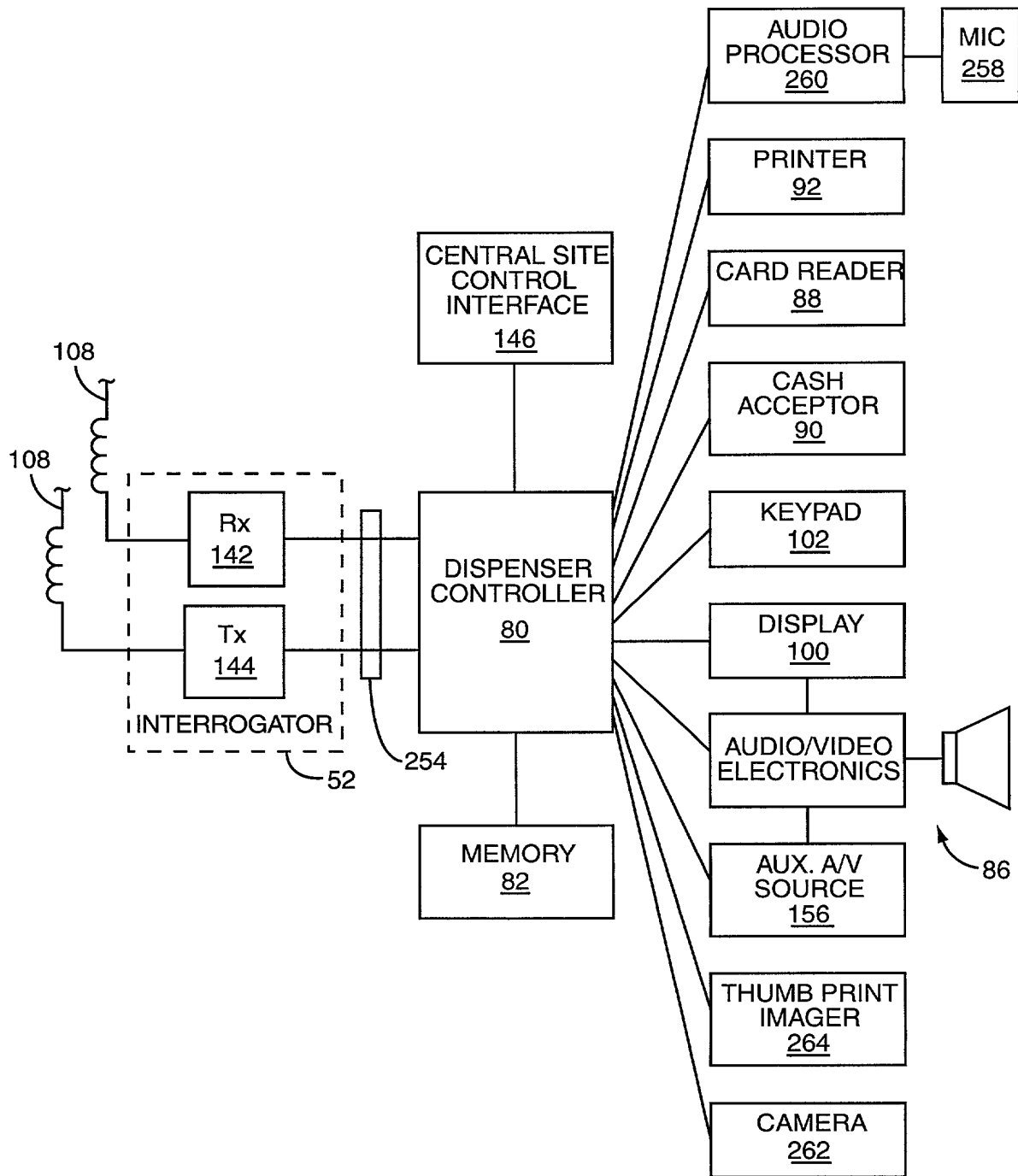
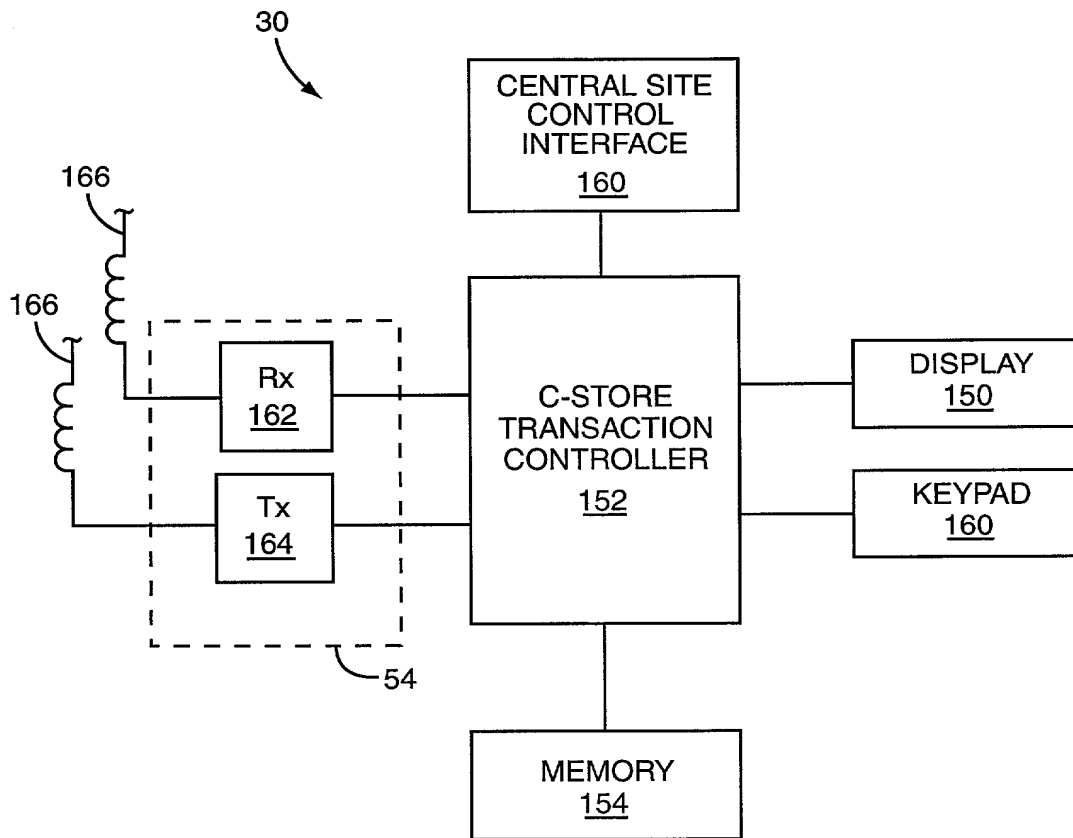


FIG. 5



**FIG. 6**

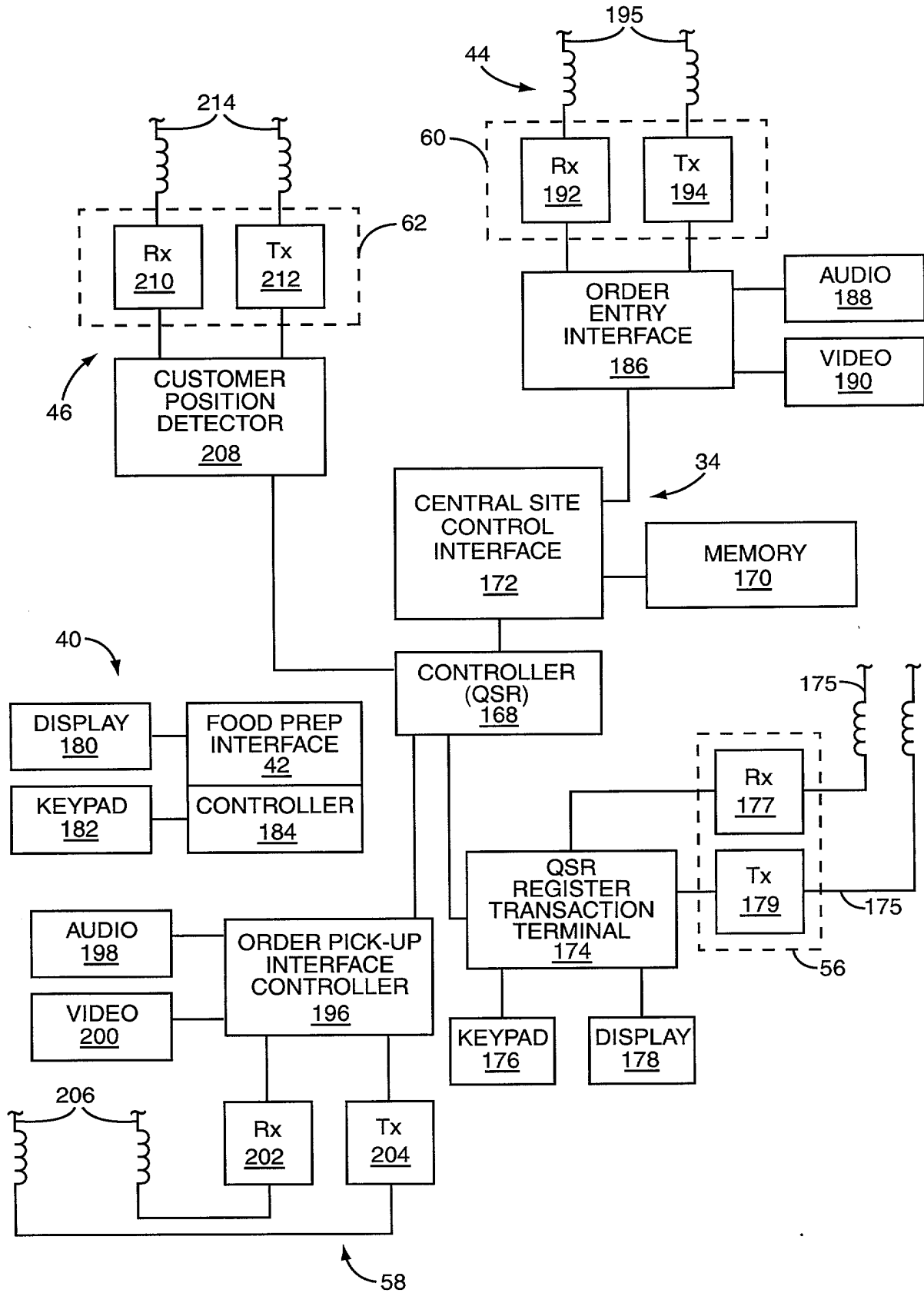
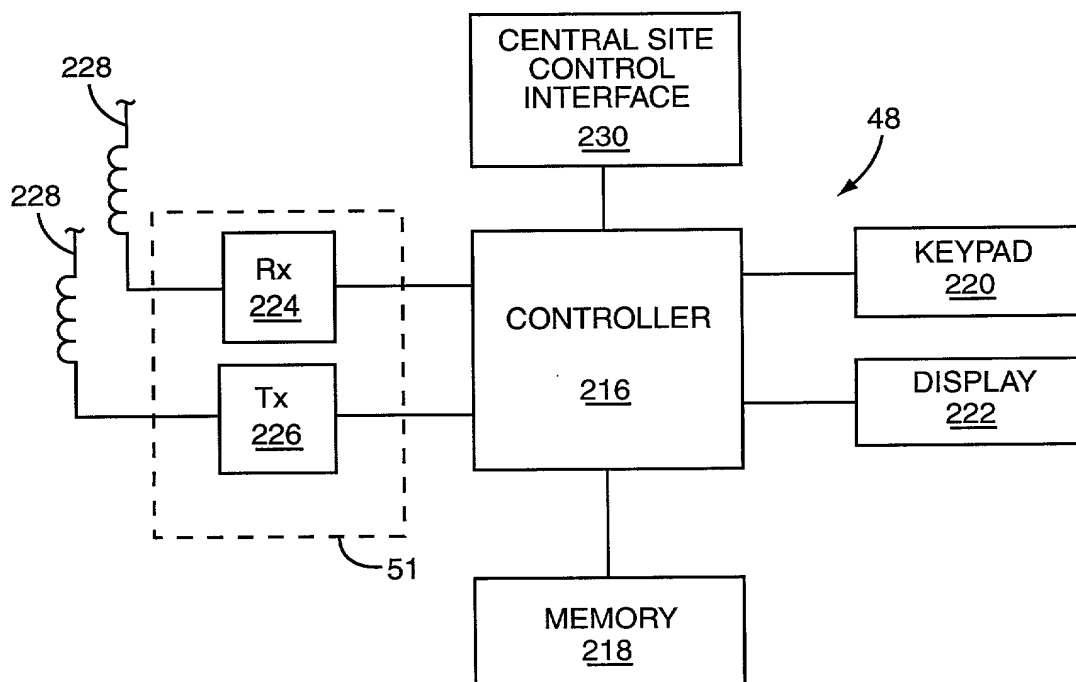
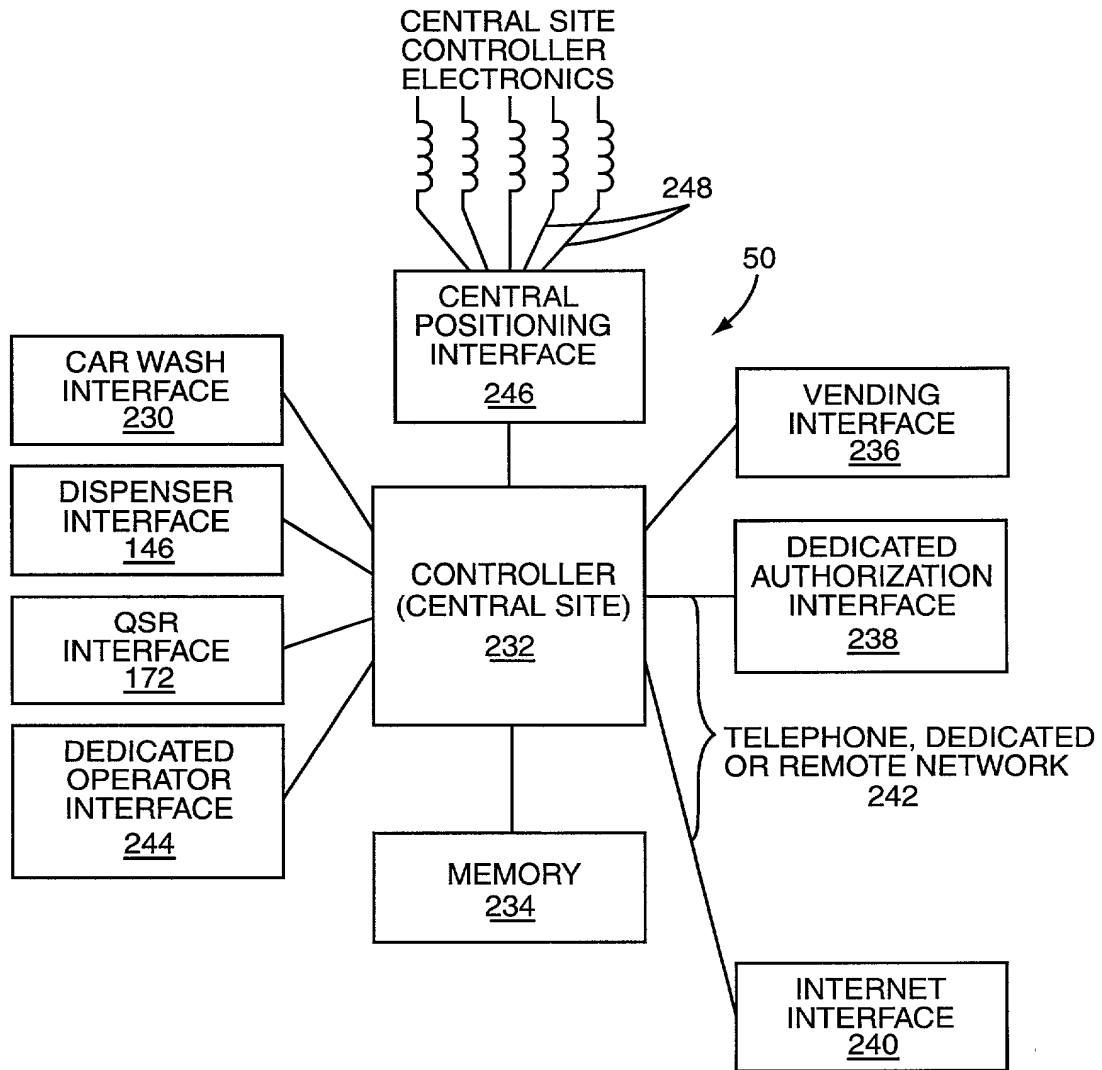


FIG. 7

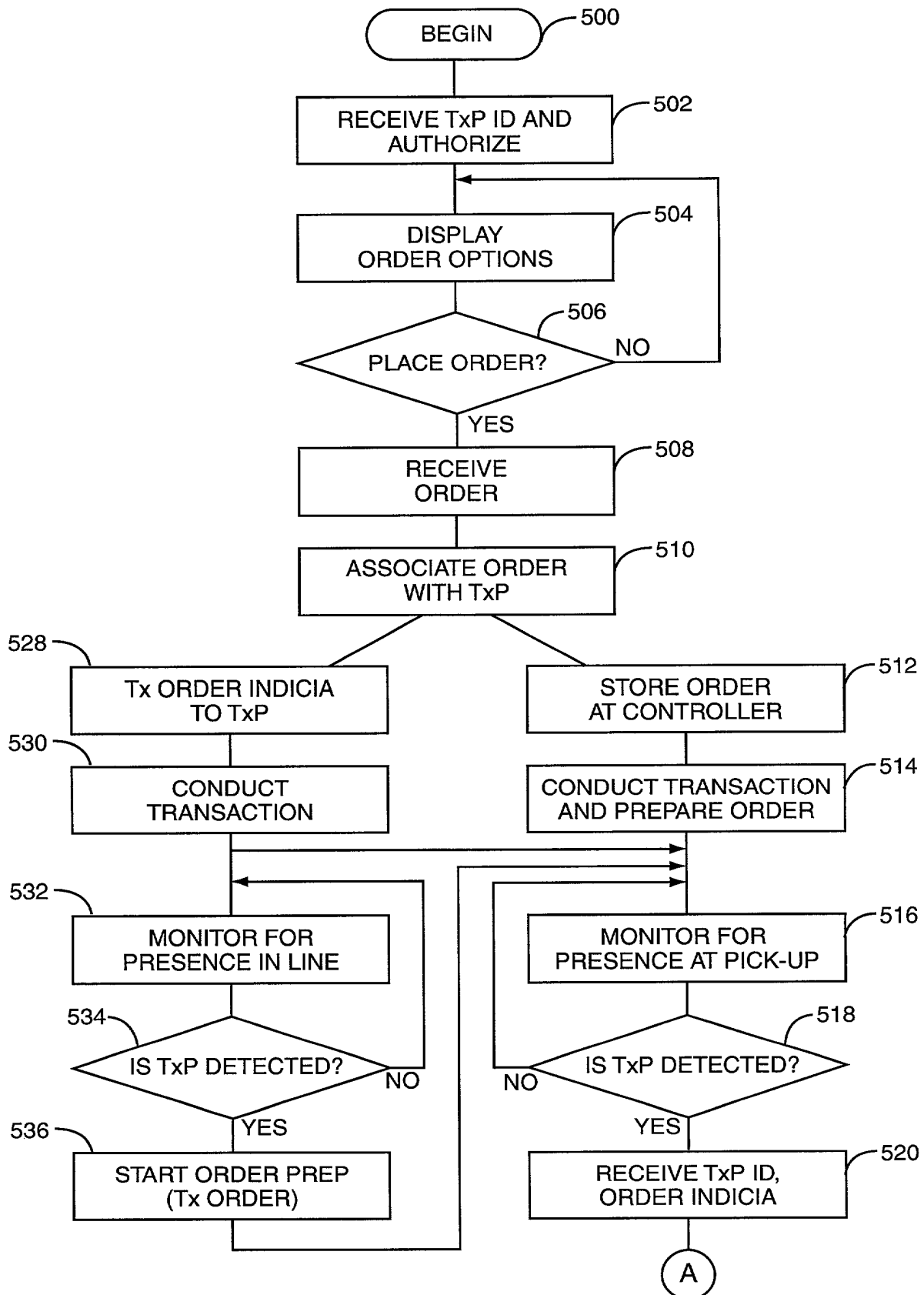




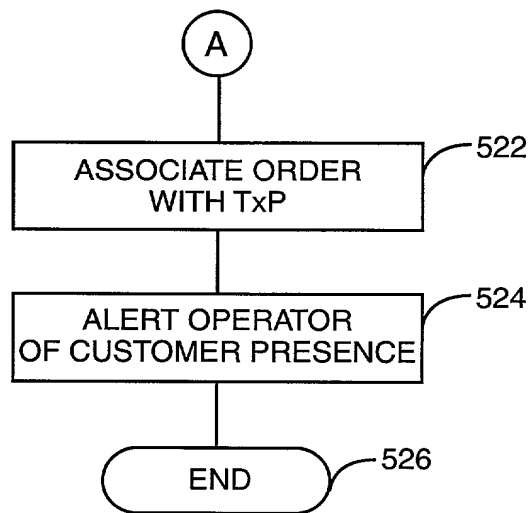
**FIG. 8**



**FIG. 9**



**FIG. 10A**



**FIG. 10B**

## LOYALTY BENEFITS

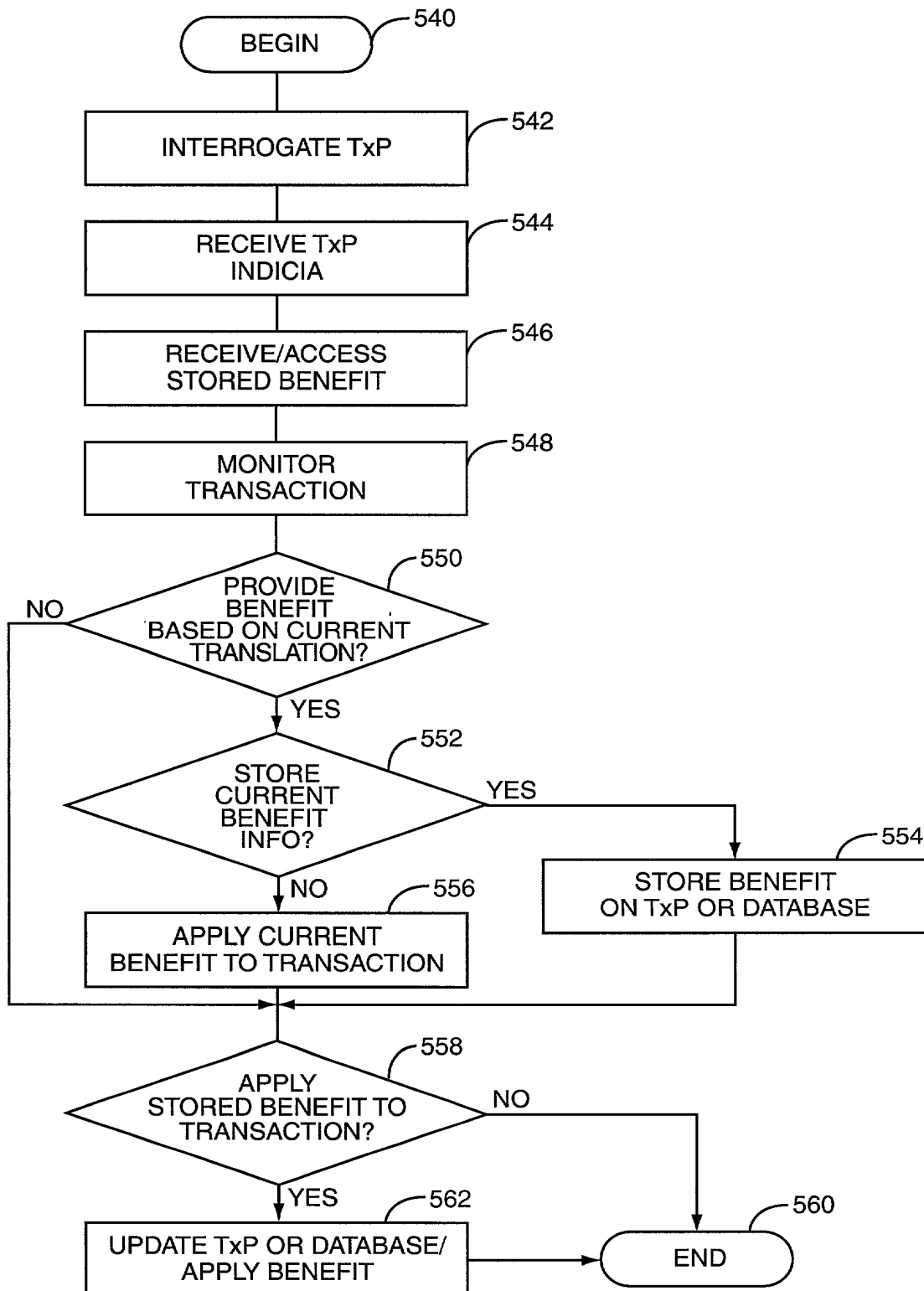


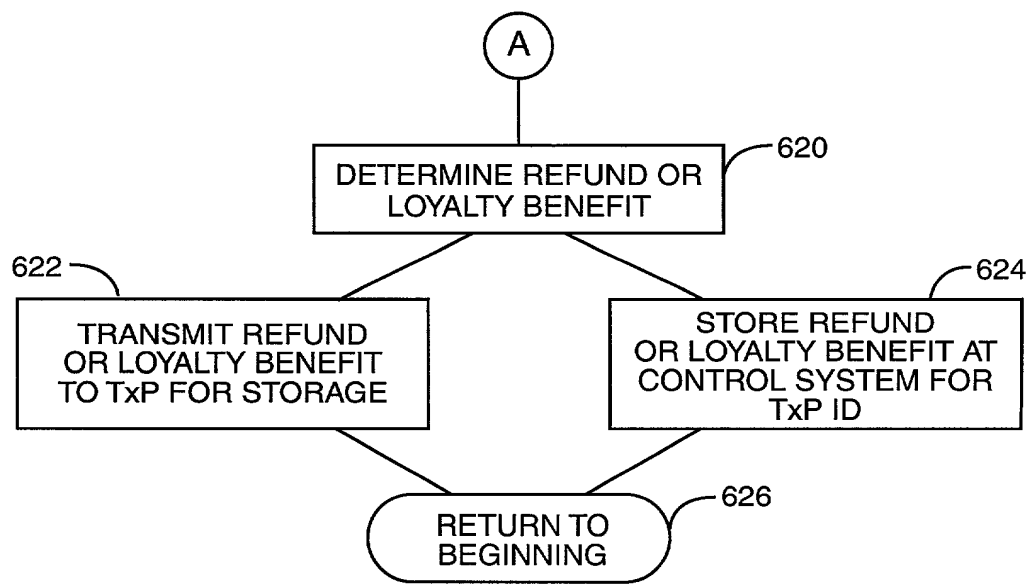
FIG. 10C

```

graph TD
    600([BEGIN]) --> 602[START NEW TRANSACTION]
    602 --> 604{CASH TRANSACTION?}
    604 --> 606[RETRIEVE TxP ID]
    606 --> 608[RETRIEVE PRIOR TRANSACTION INFO FROM TxP]
    606 --> 610[RETRIEVE PRIOR TRANSACTION INFO FROM CONTROL SYSTEM]
    608 --> 612[DETERMINE TRANSACTION SUBTOTAL]
    610 --> 612
    612 --> 614[APPLY REFUNDS OR LOYALTY BENEFITS]
    614 --> 616[DETERMINE TRANSACTION TOTAL]
    616 --> 618[RECEIVE CASH PAYMENT]
    618 --> A((A))

```

**FIG. 11A**



**FIG. 11B**

# DISCOUNT FOR TRANSPONDER USE

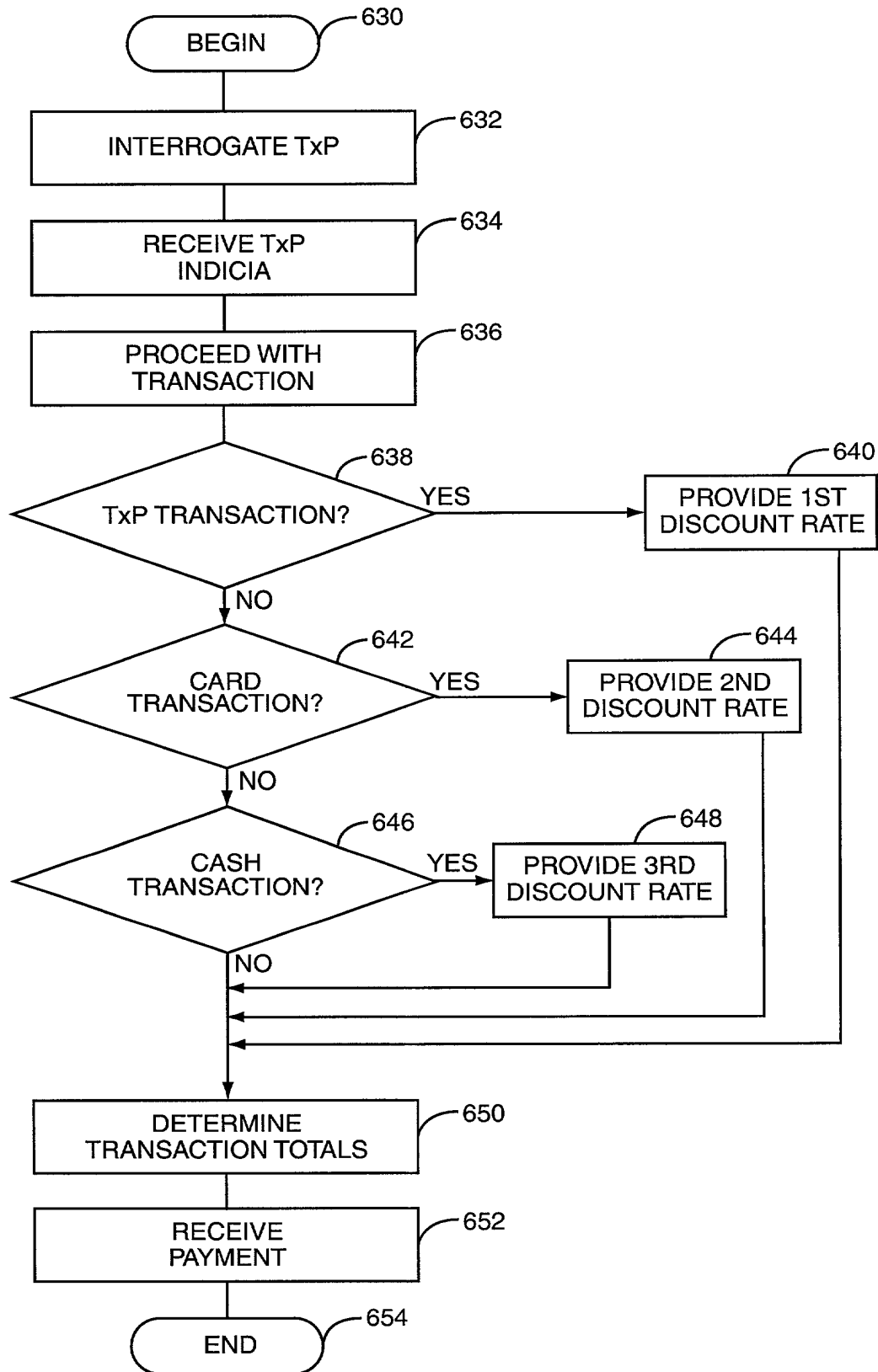


FIG. 11C



# CASH PREPAY WITH TxP

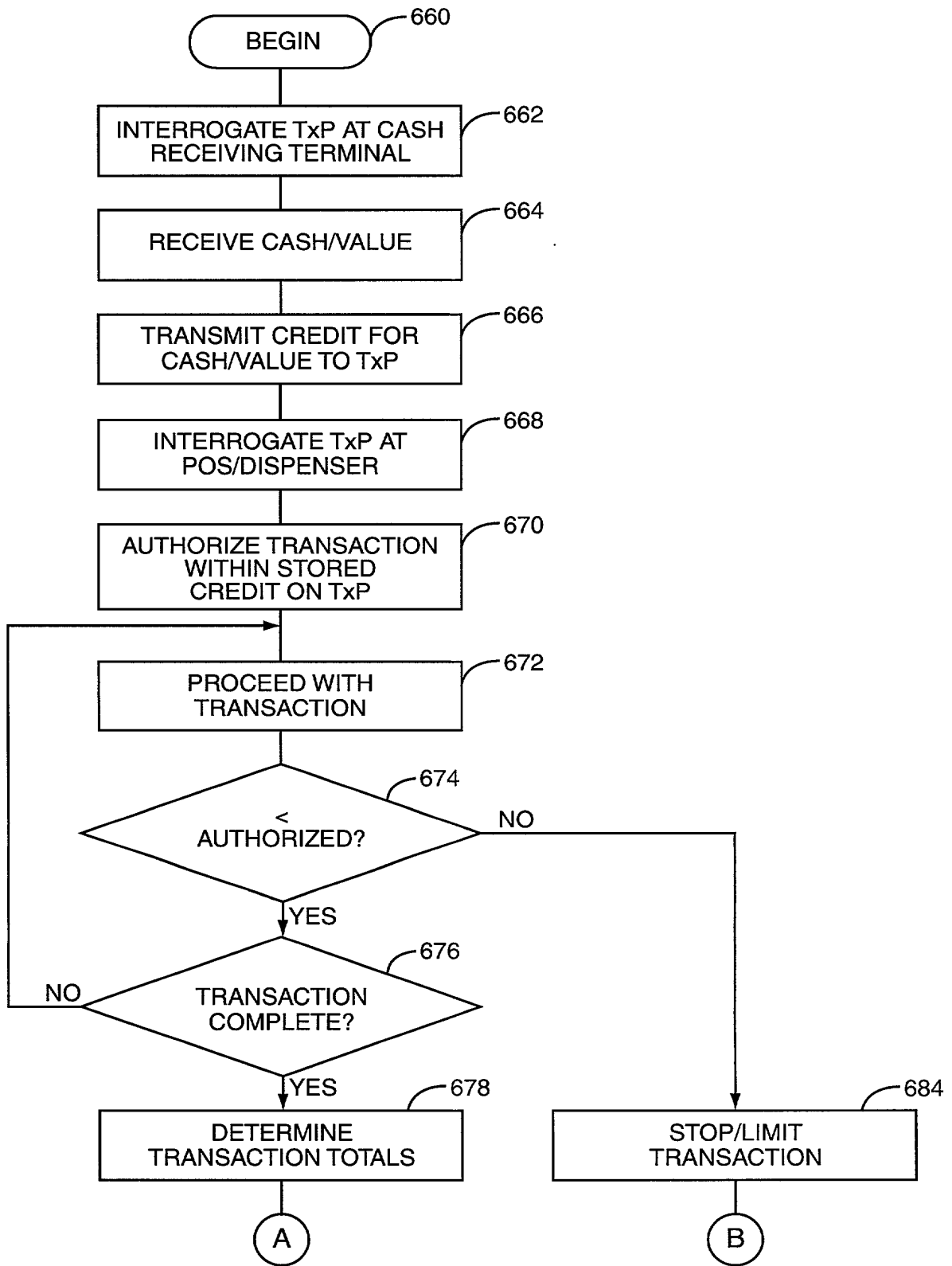


FIG. 11D

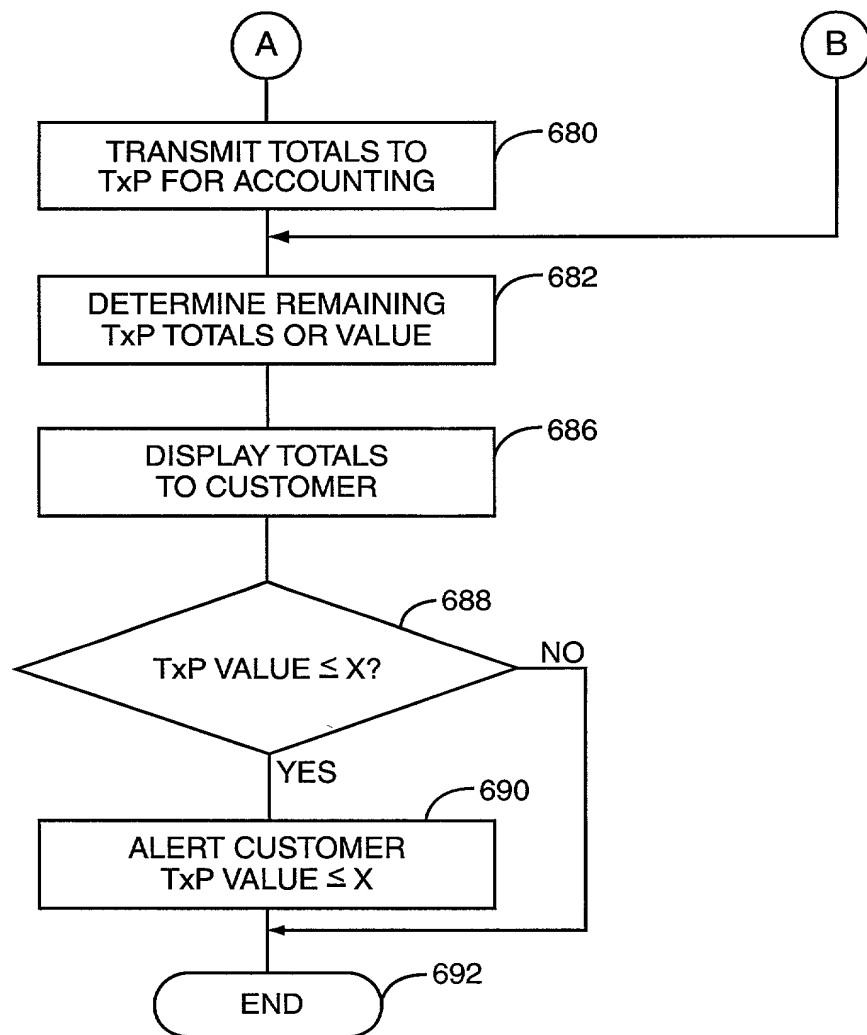
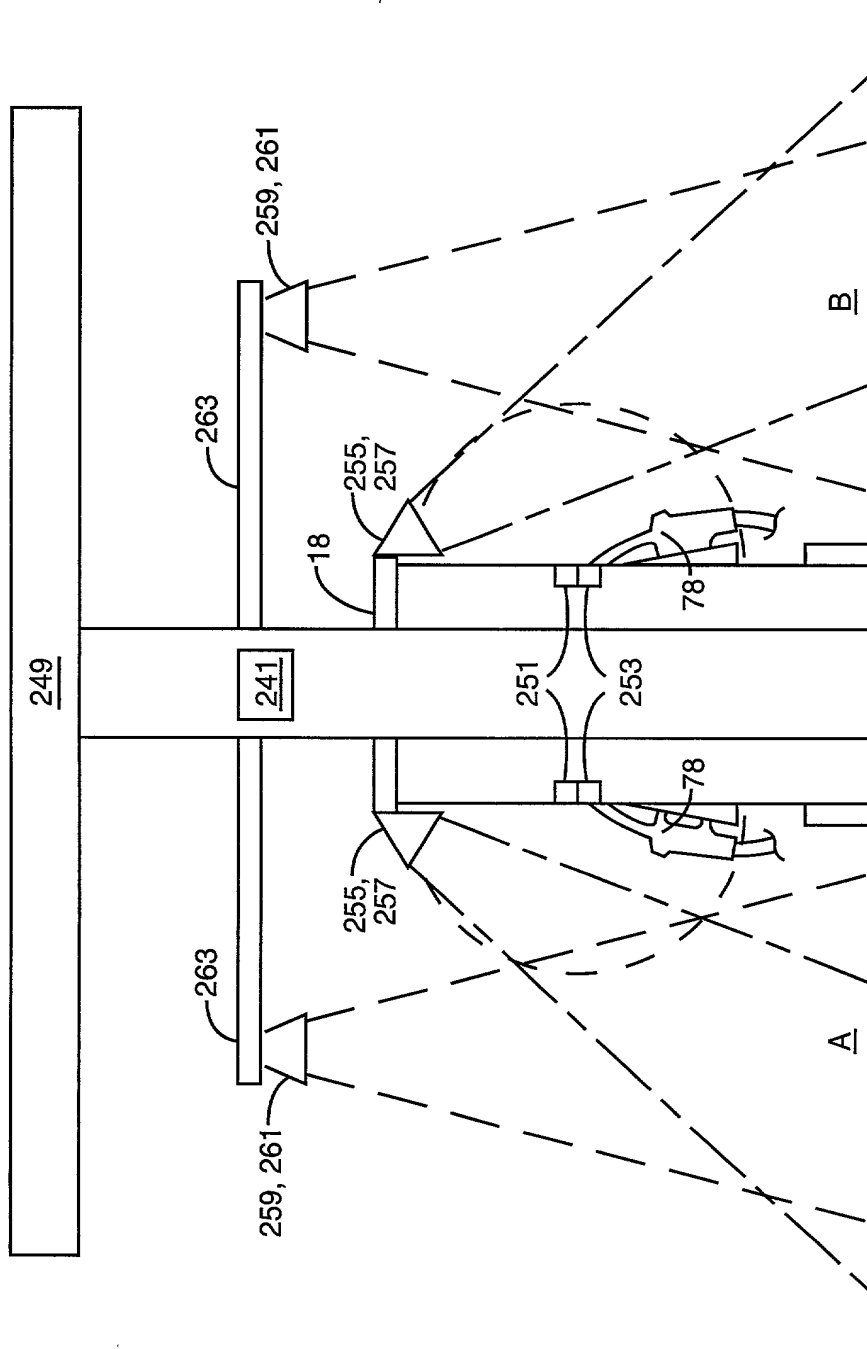


FIG. 11E



**FIG. 12A**

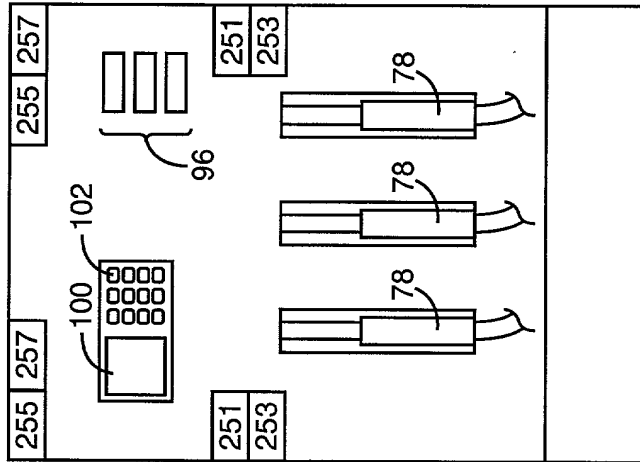
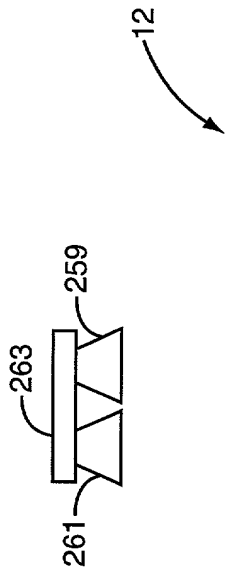


FIG. 12B

```

graph TD
    400([BEGIN]) --> 402[ALTERNATELY TRANSMIT  
FROM TOP- AND MID-MOUNT  
ANTENNAS]
    402 --> 404[MONITOR FOR TxP RESPONSES  
AT TOP Rx ANTENNA]
    404 --> 406{Rx RESPONSE  
FROM TxP?}
    406 -- NO --> 402
    406 -- YES --> 408[DETERMINE FROM WHICH  
TRANSMISSION THE  
TxP IS RESPONDING]
    408 --> 410[DETERMINE TRANSMISSION  
FIELD OR LOCATION FROM  
WHICH TxP IS RESPONDING]
    410 --> 412[READ TxP  
IDENTIFICATION  
INDICIA]
    412 --> 414{VEHICLE OR  
CUSTOMER TxP?}
    414 -- CUSTOMER CARRIED --> A((A))
    414 -- VEHICLE MOUNTED --> B((B))
  
```

**FIG. 12C**

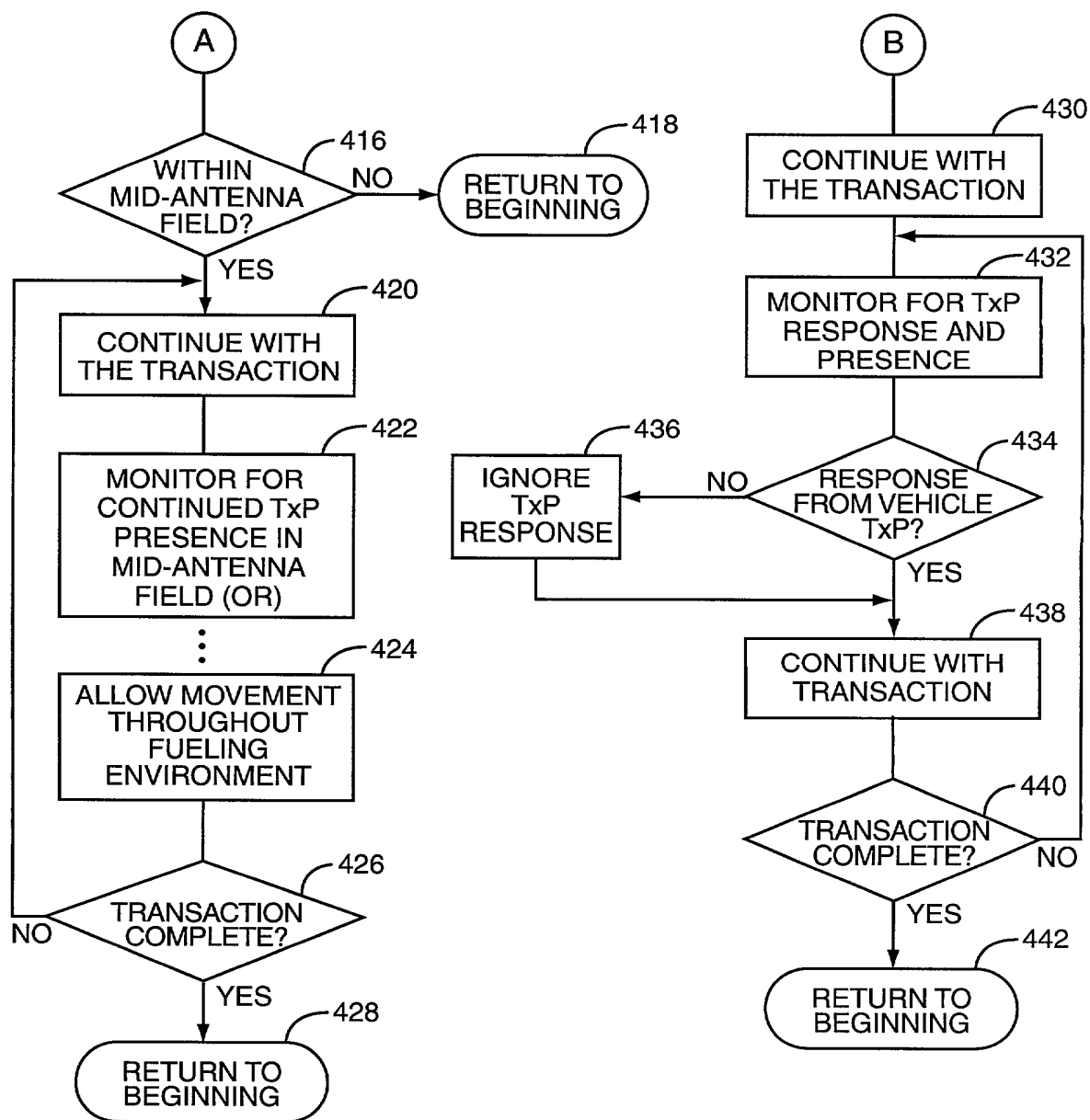


FIG. 12D

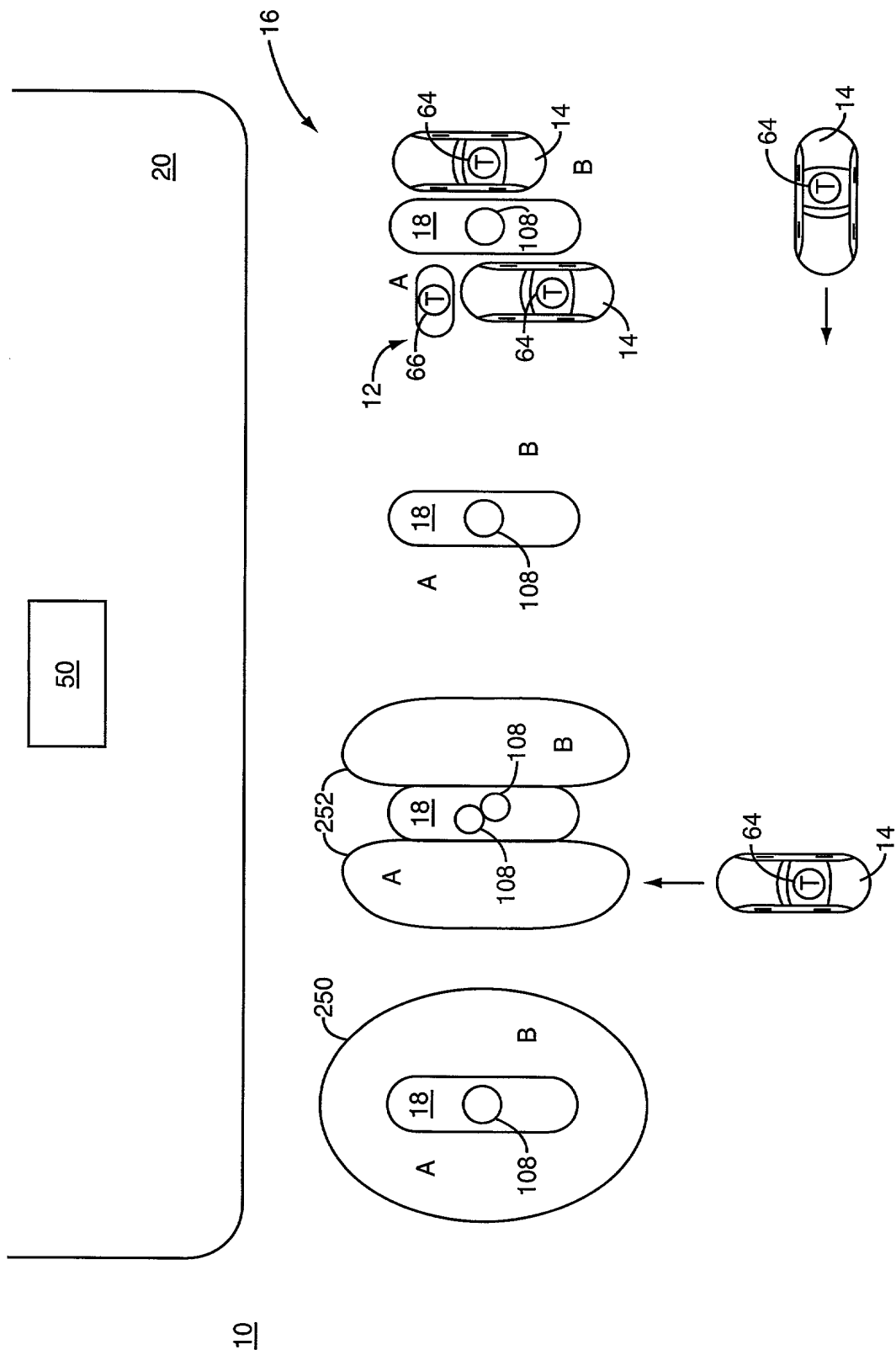
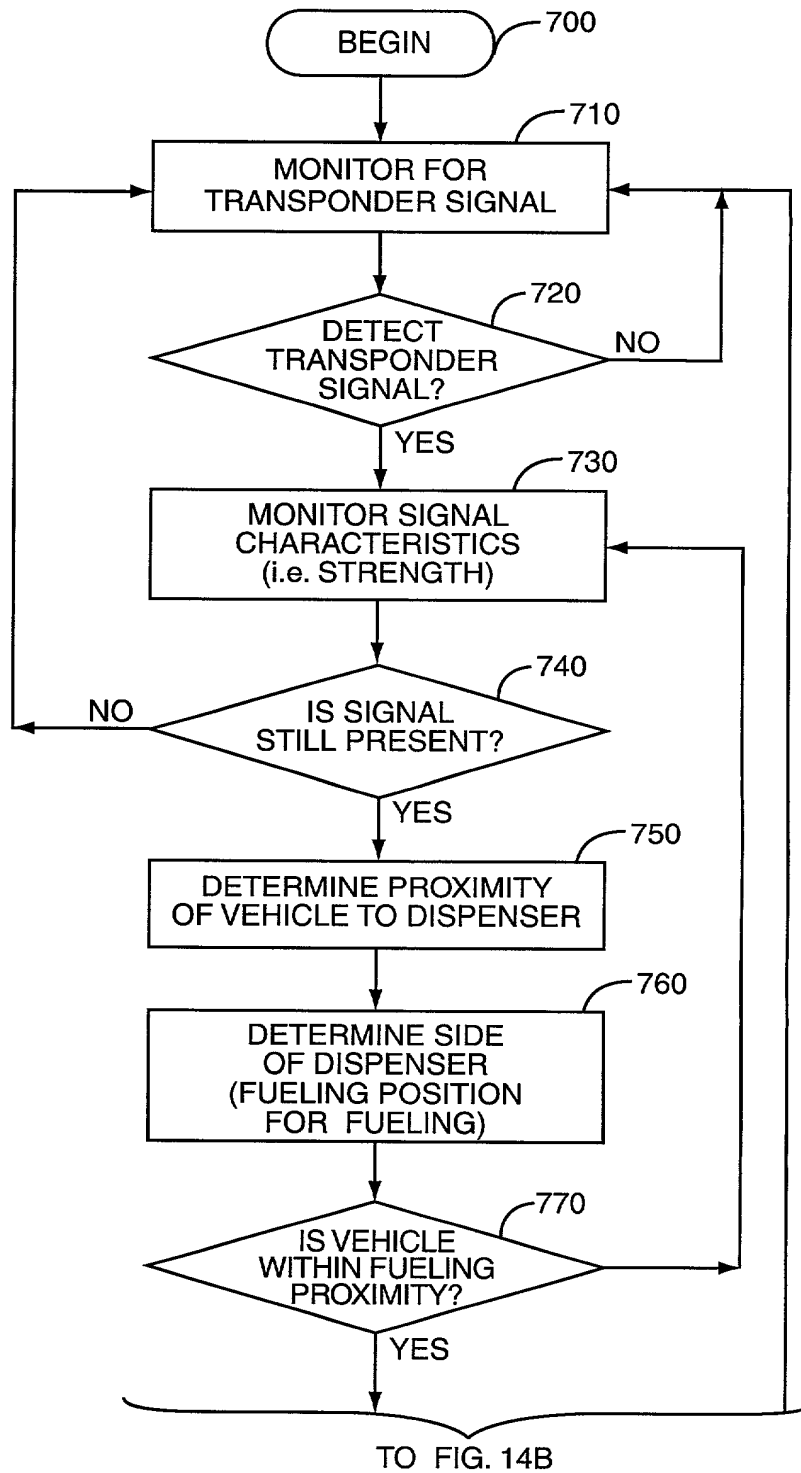


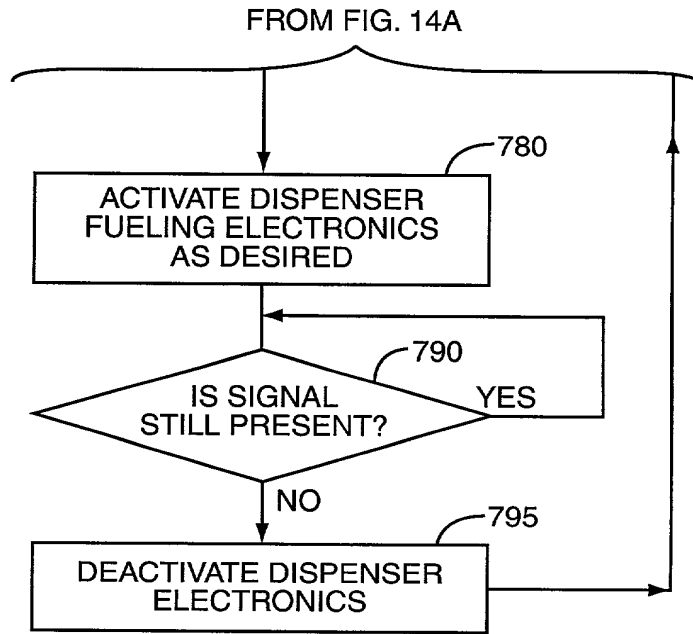
FIG. 13A



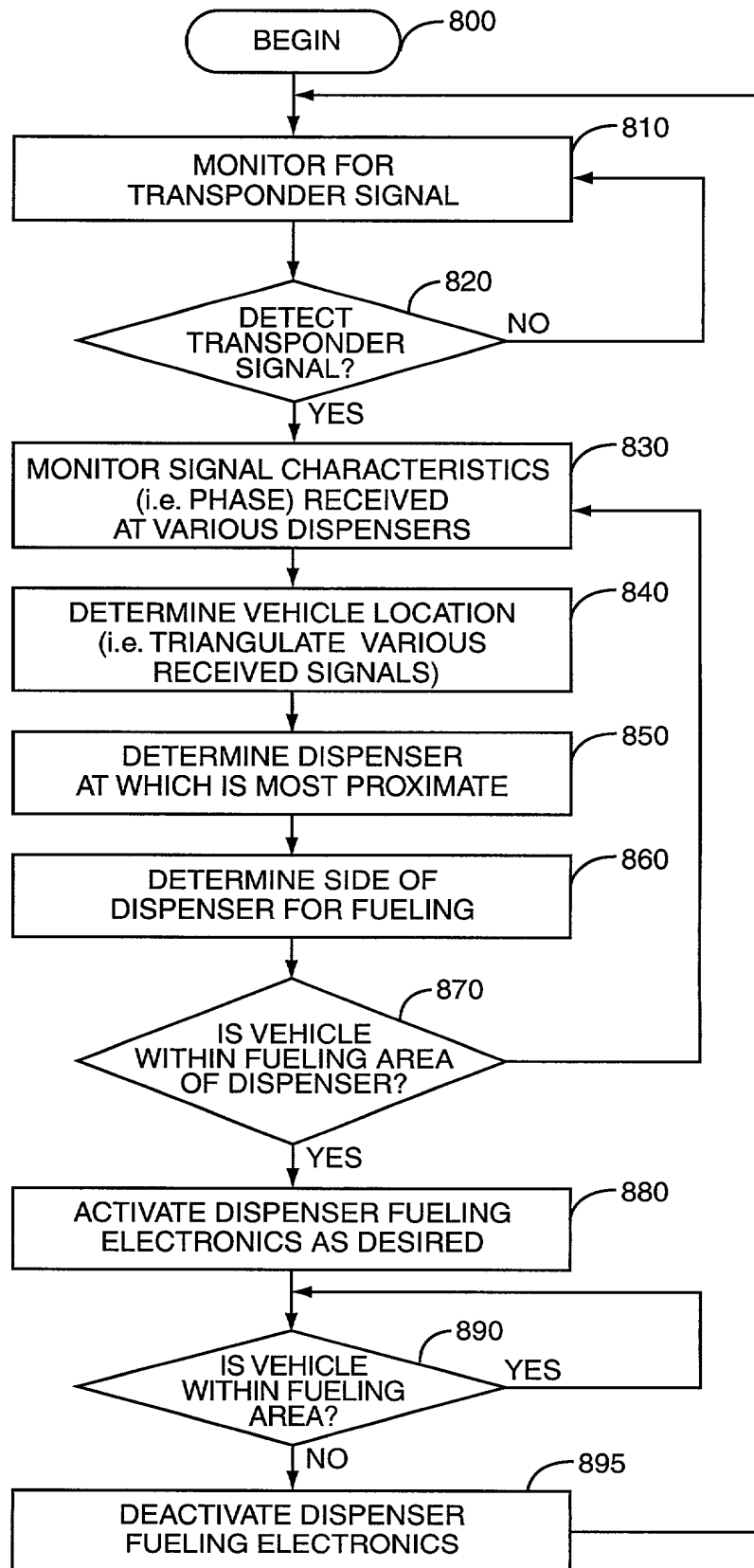




**FIG. 14A**



**FIG. 14B**



**FIG. 15**



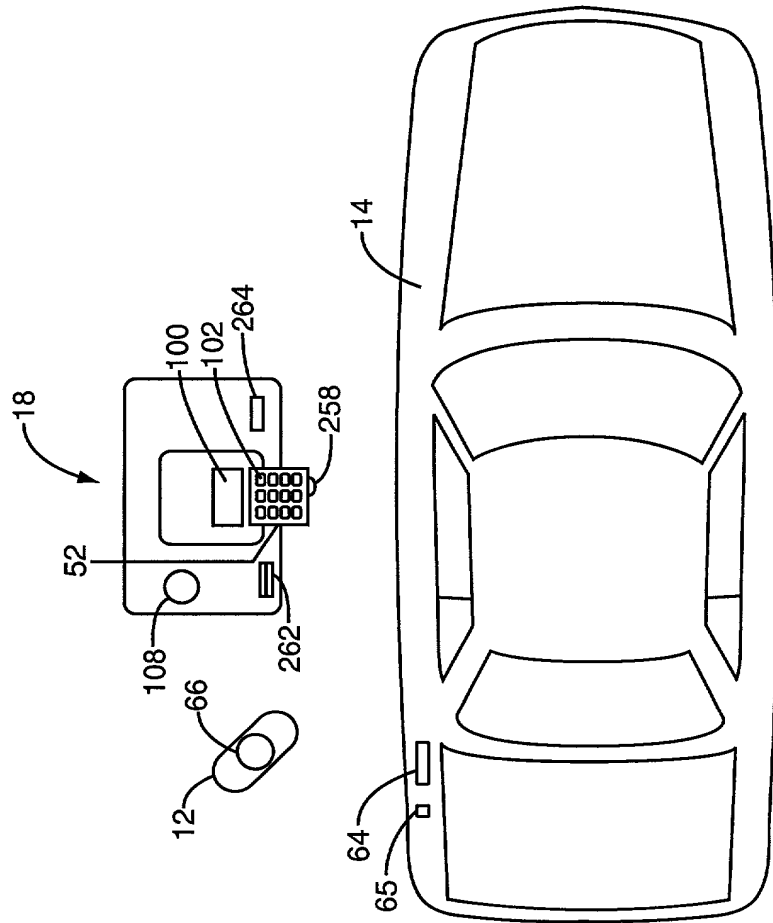


FIG. 17

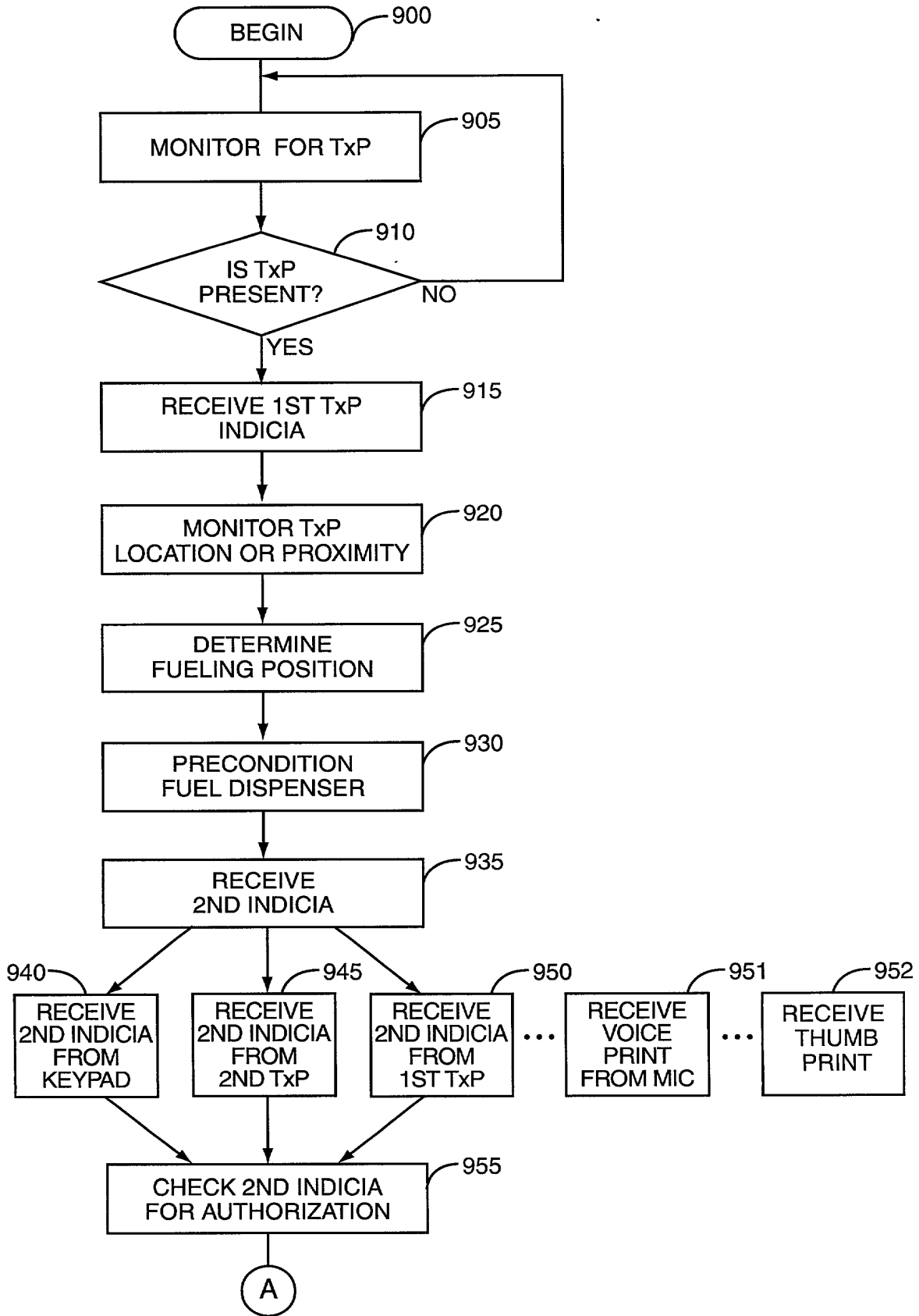
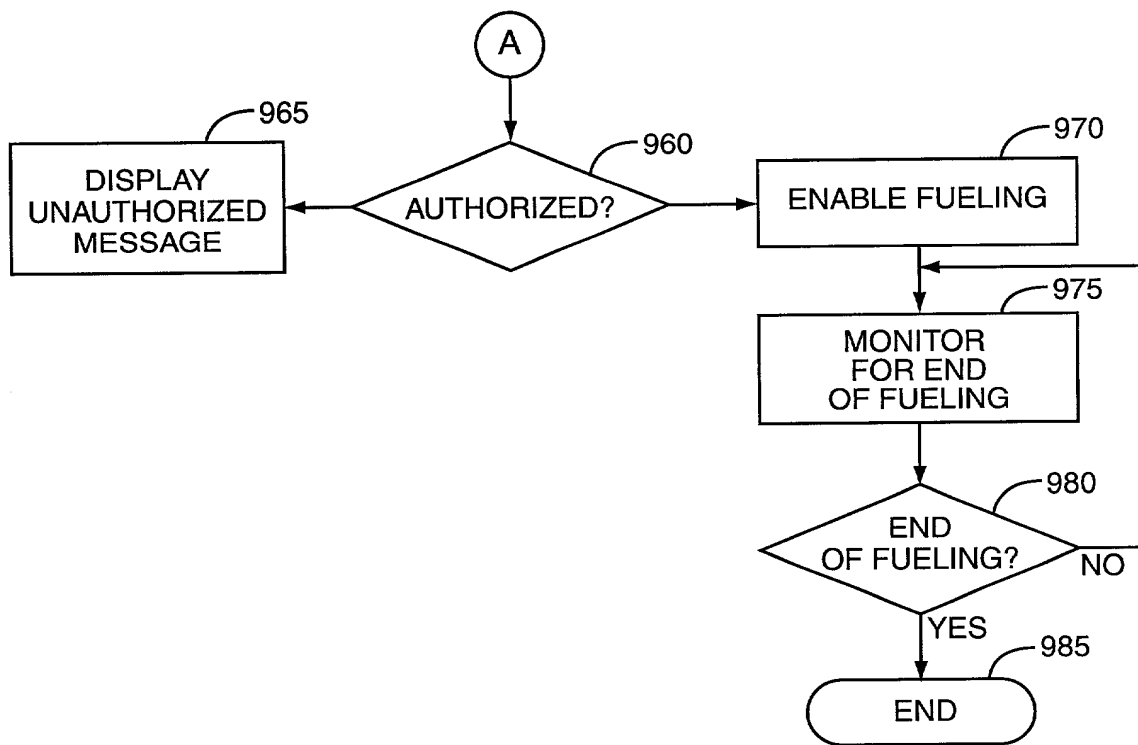


FIG. 18A



**FIG. 18B**

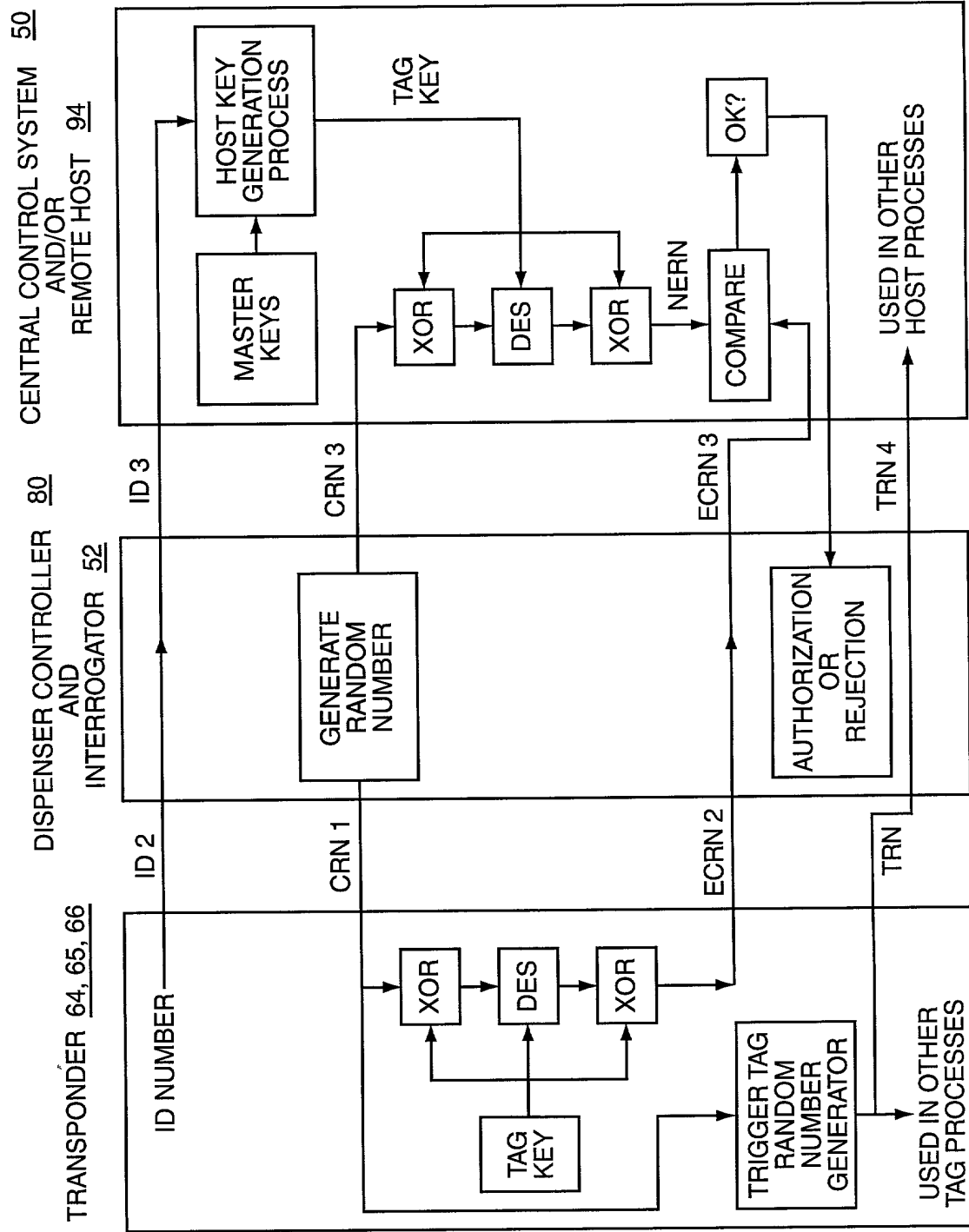


FIG. 19



# TxP THEFT

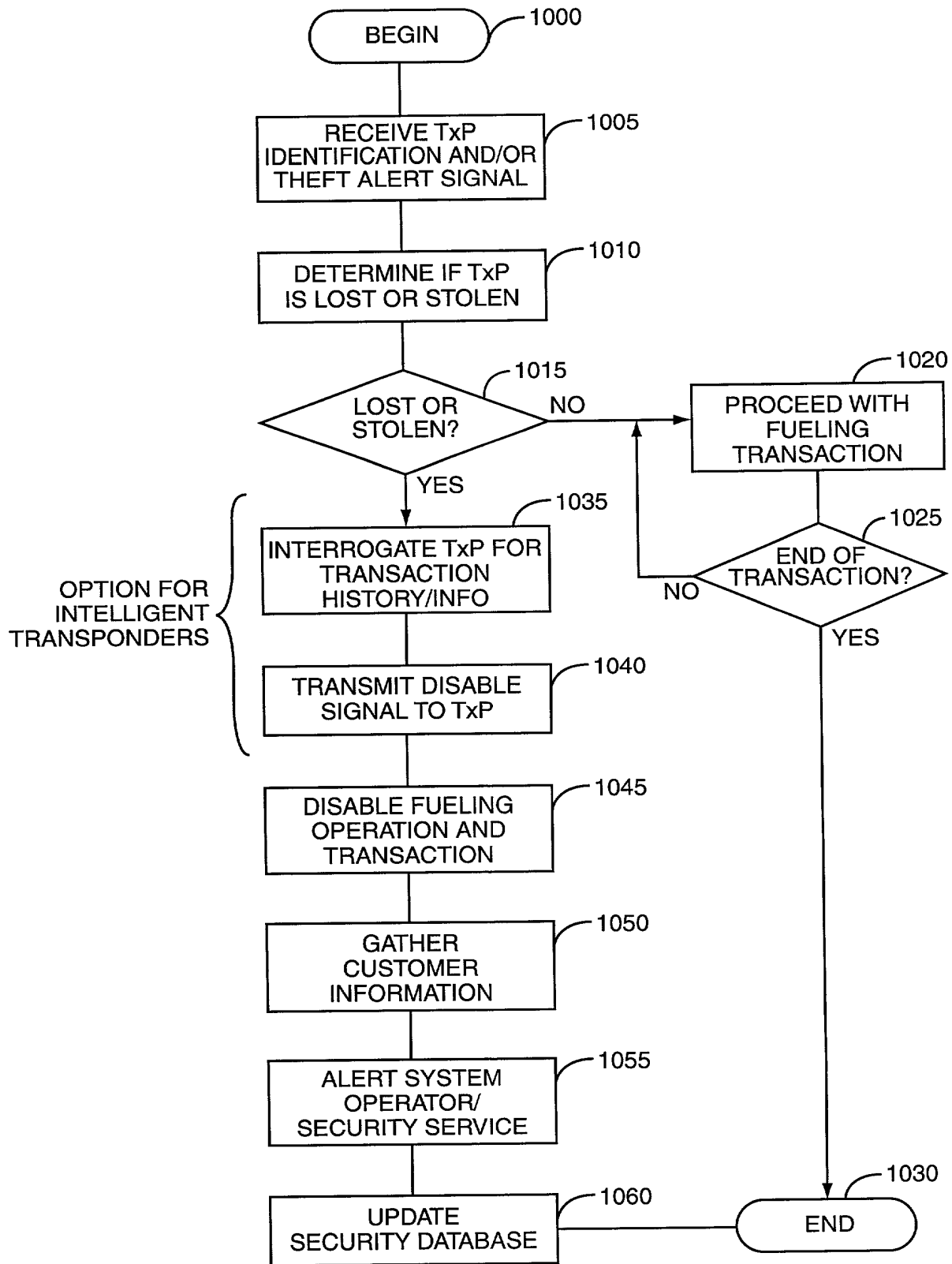
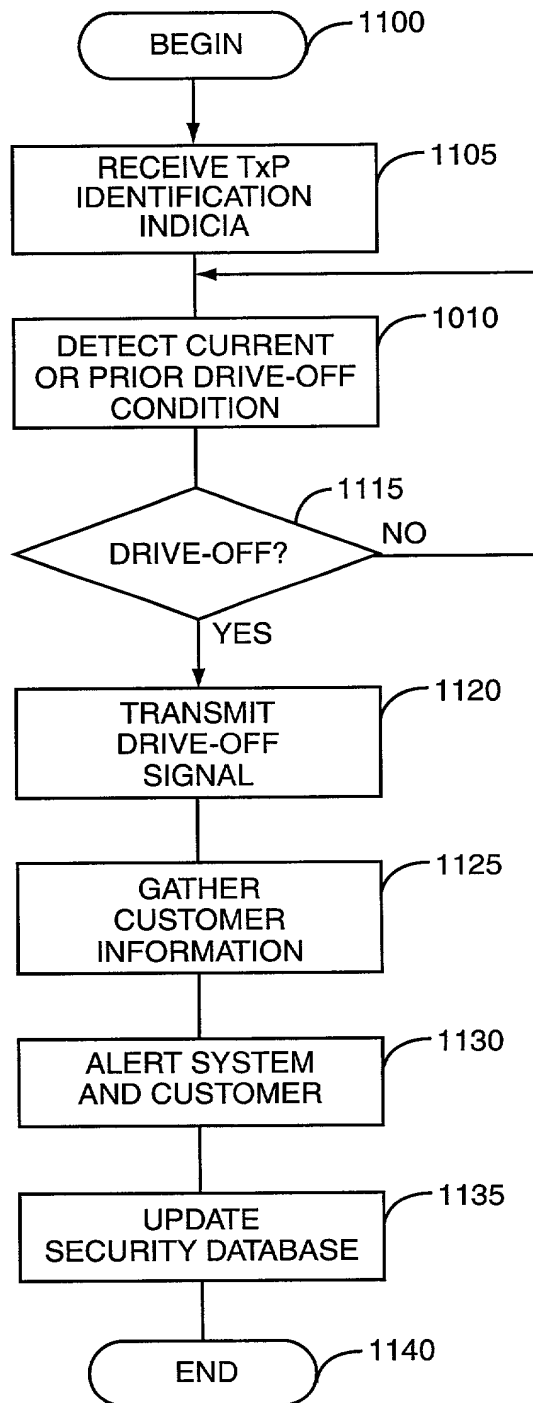


FIG. 20

## DRIVE-OFF



**FIG. 21**

## TRANSACTION LIMITATIONS

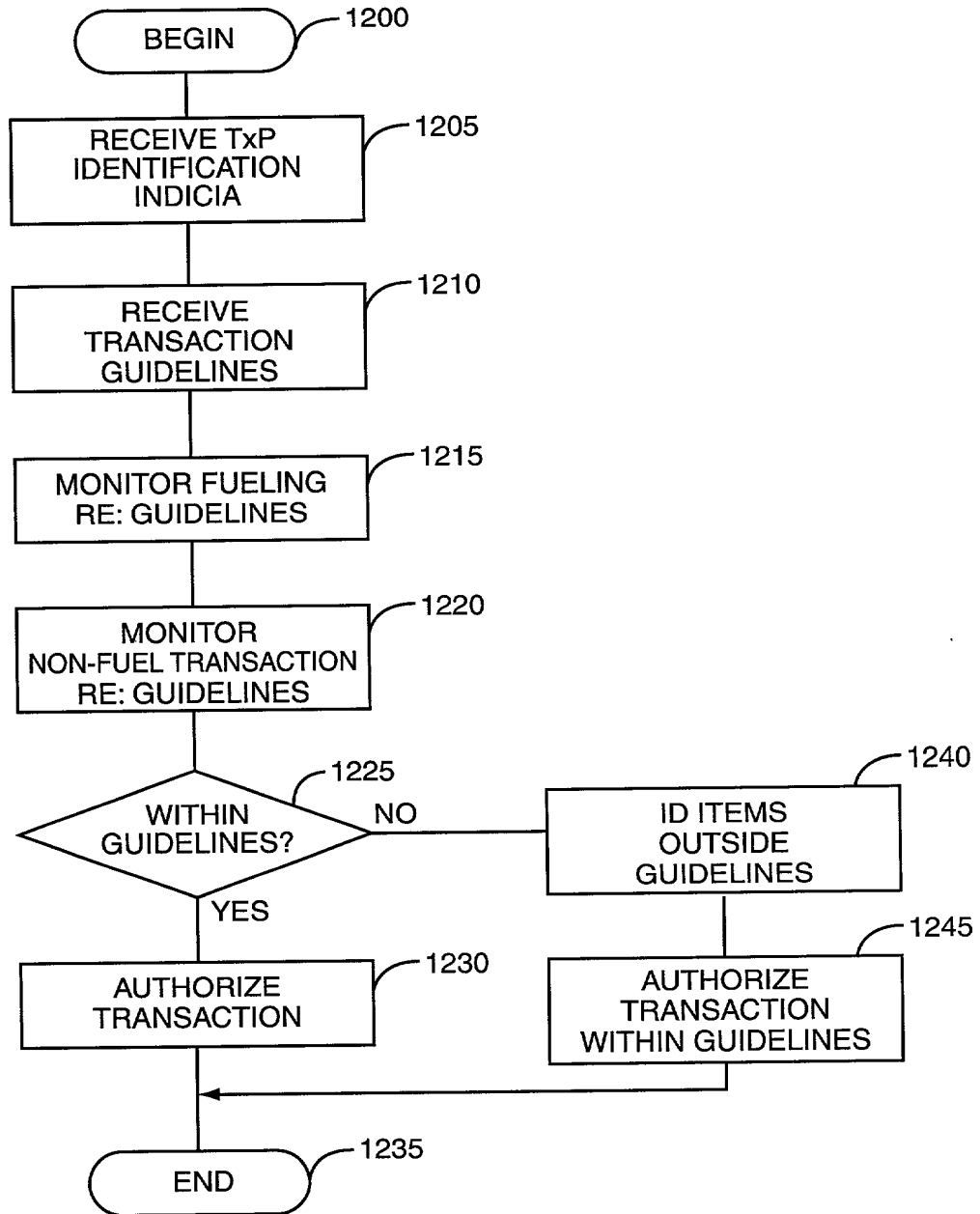


FIG. 22

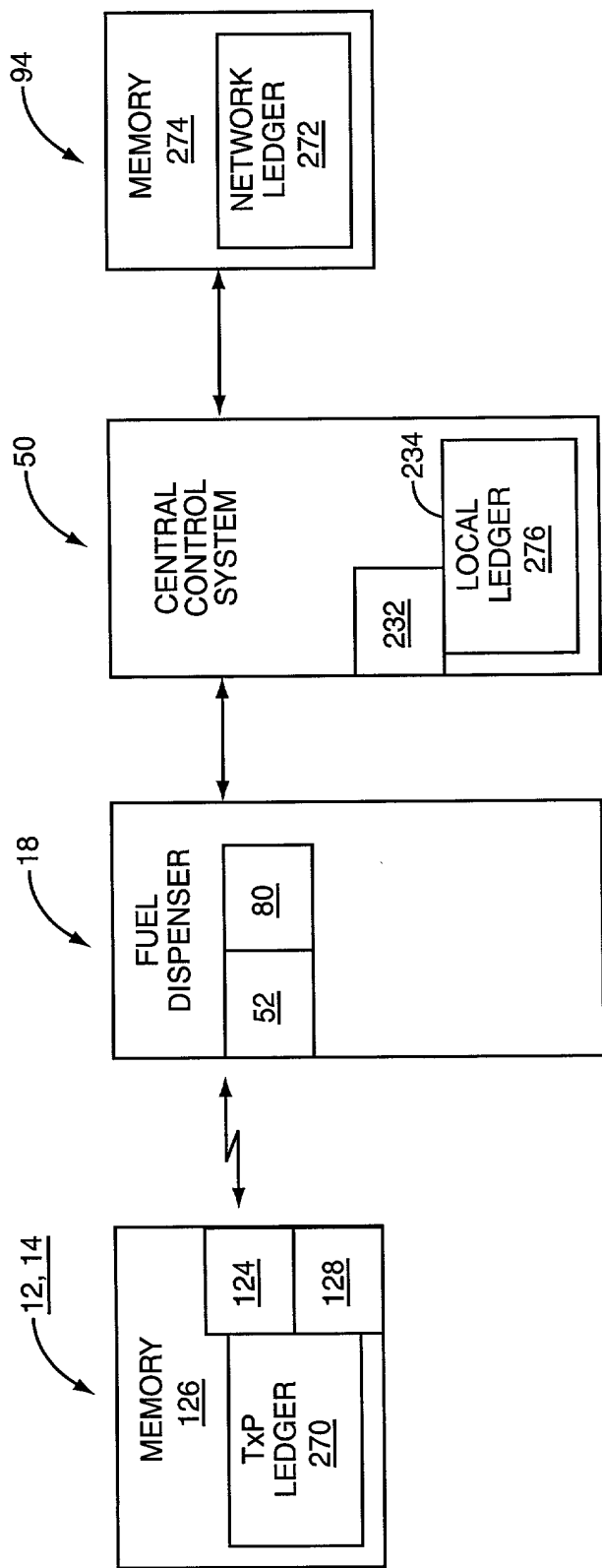
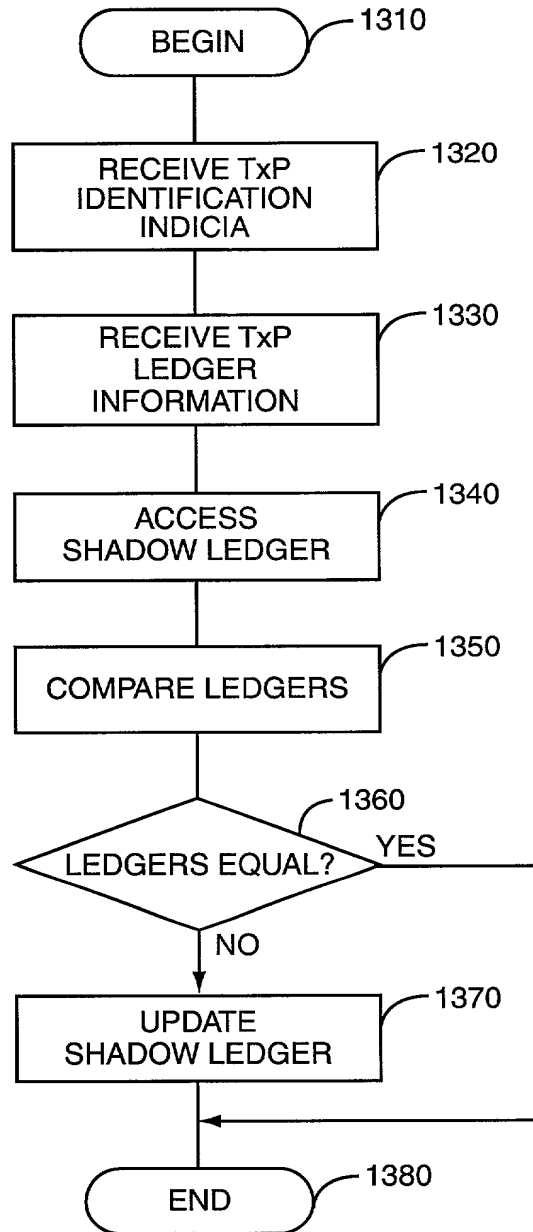


FIG. 23

## CREATING A SHADOW LEDGER



**FIG. 24**

# TRANSACTION TRACKING

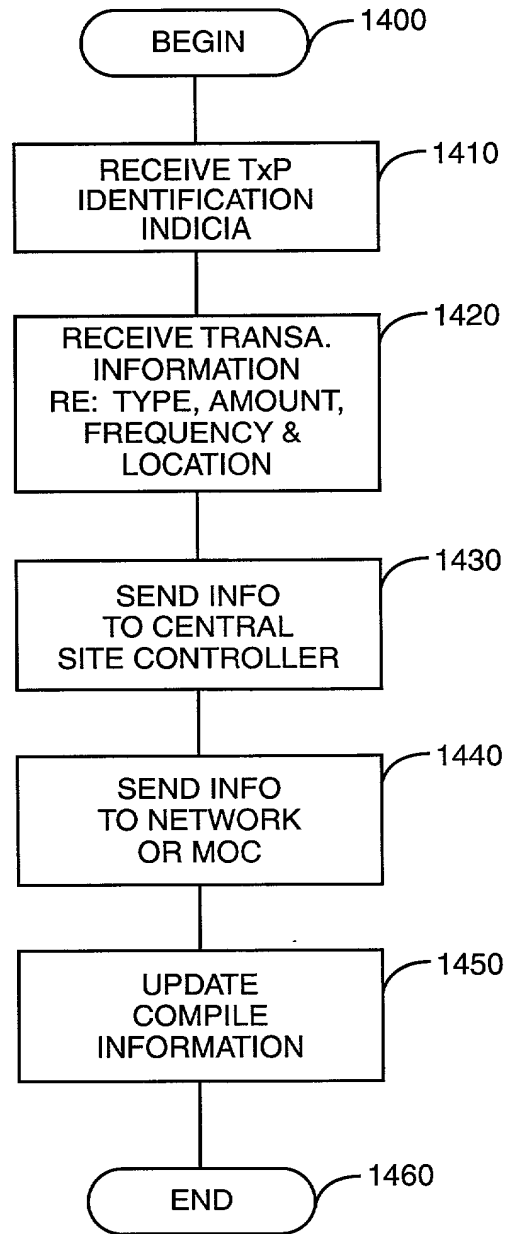


FIG. 25

# CUSTOMER PREFERENCES

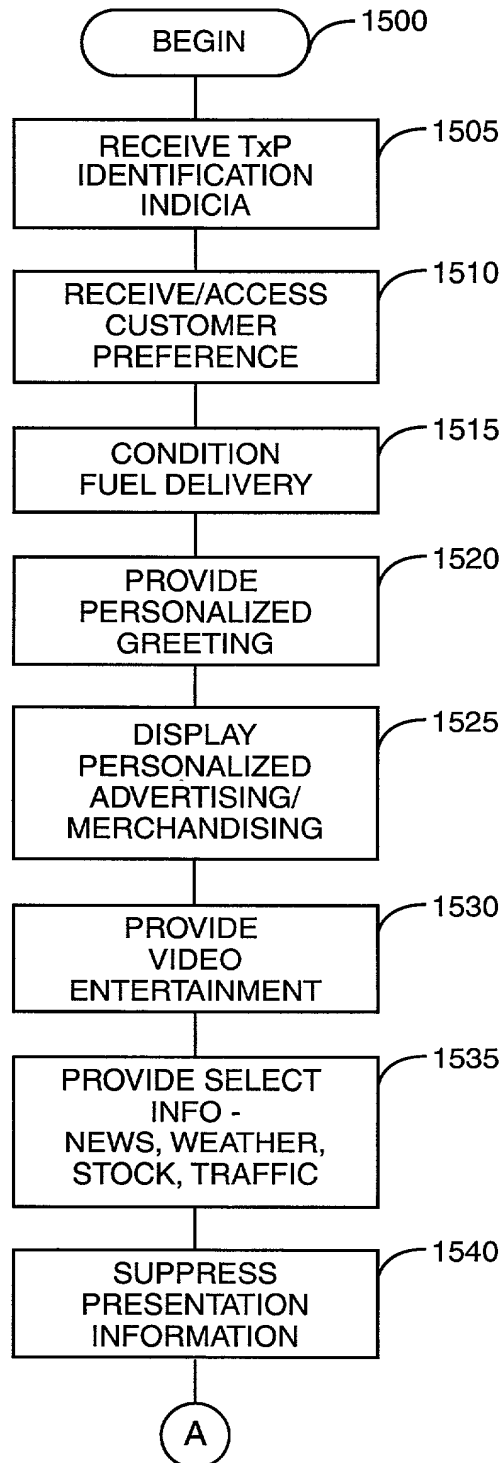
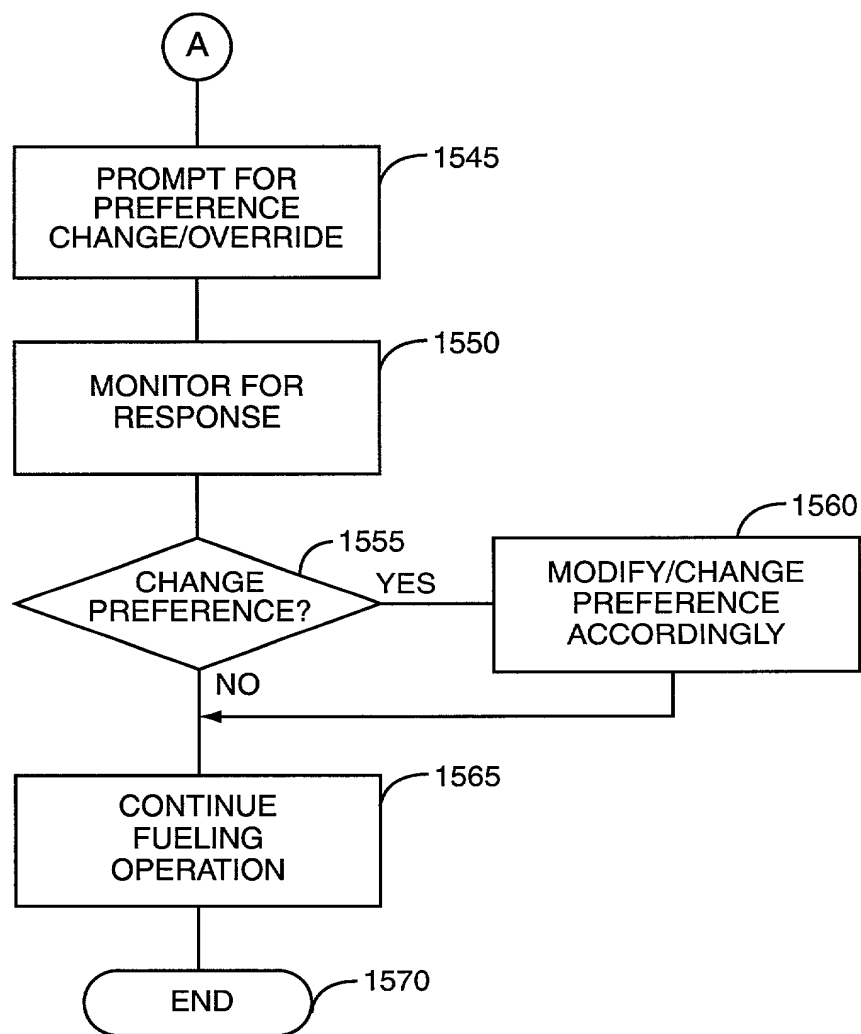


FIG. 26A



**FIG. 26B**



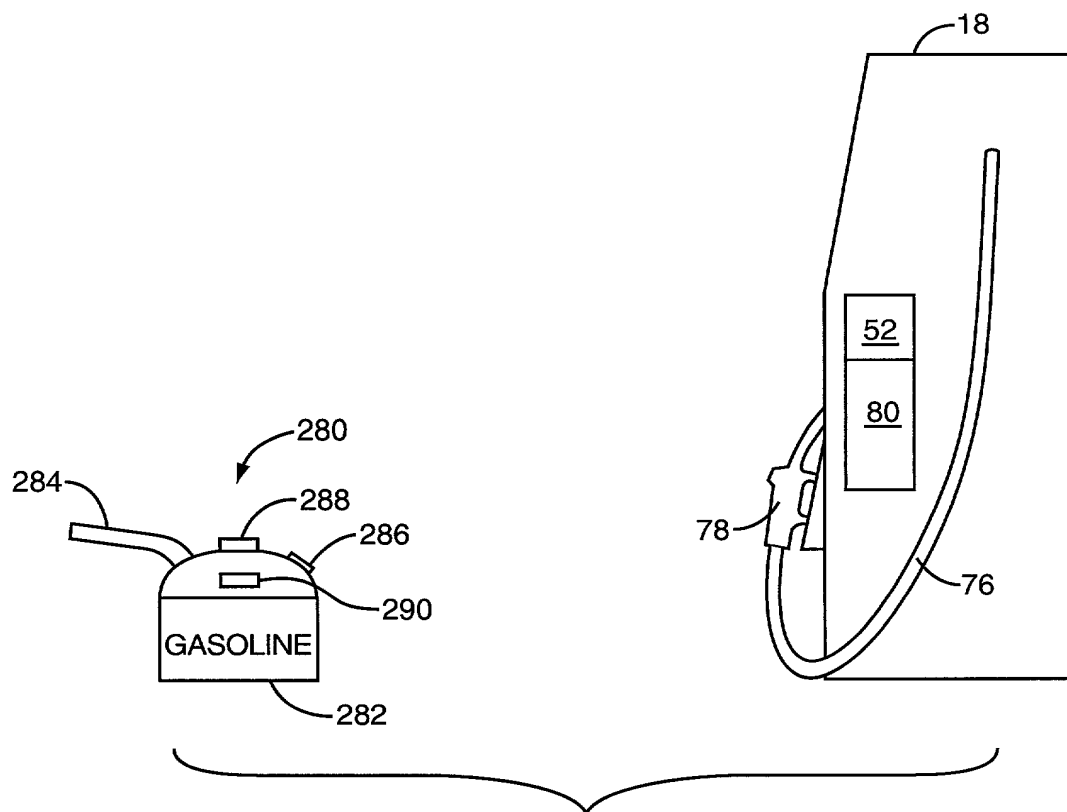


FIG. 27

# PREVENTING UNAUTHORIZED CONTAINER FUELING

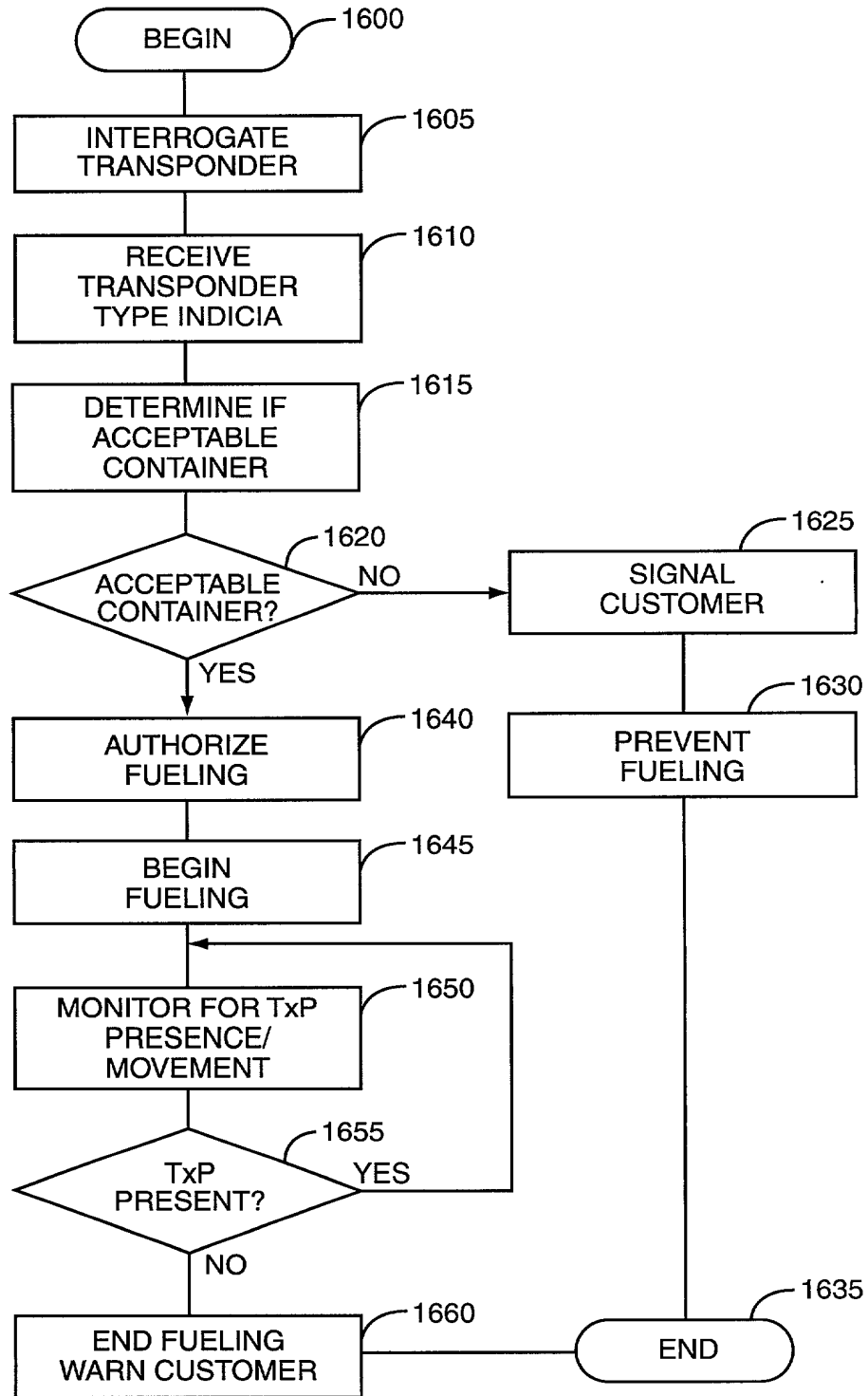


FIG. 28

# PRETRANSACTION ESTIMATES

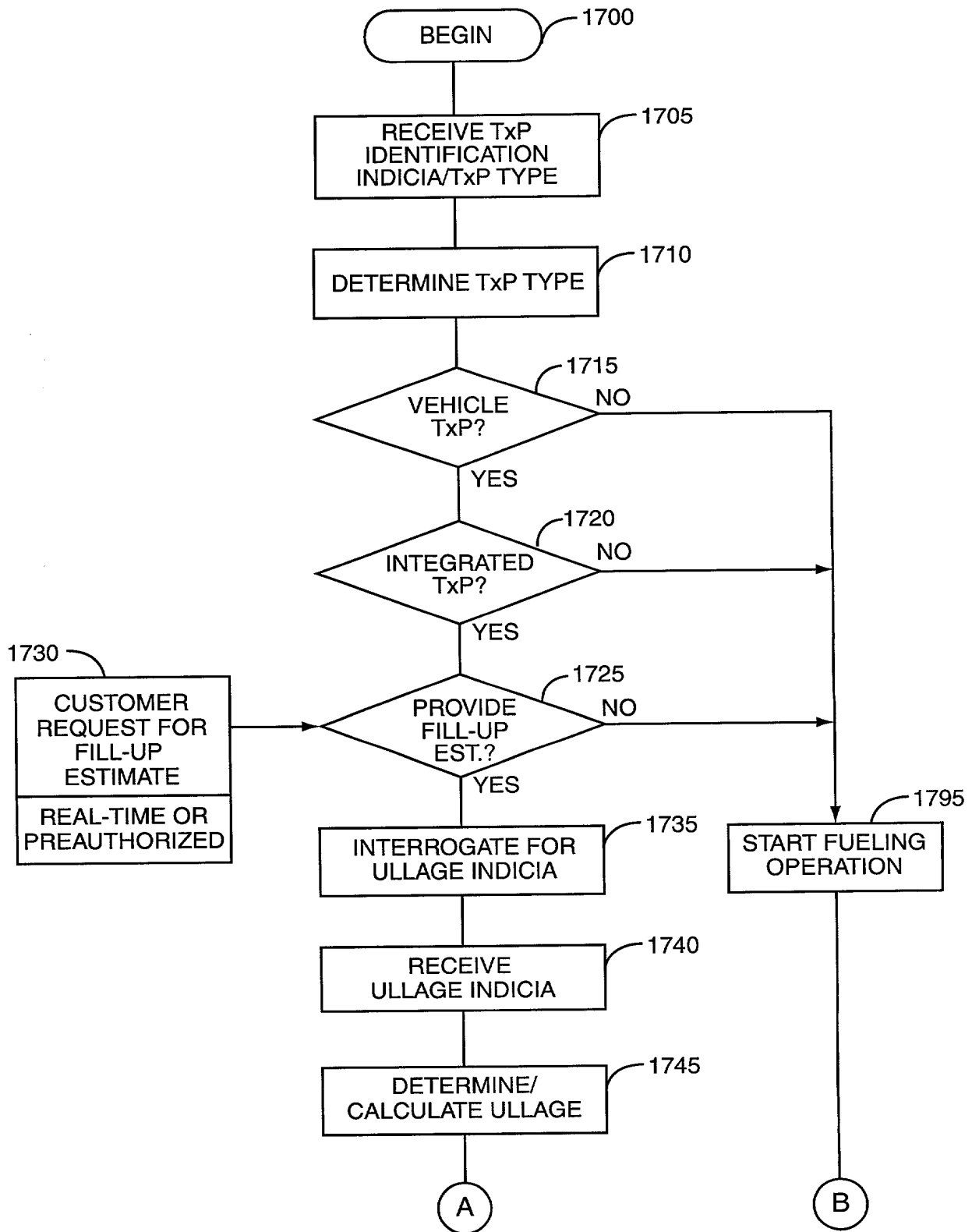
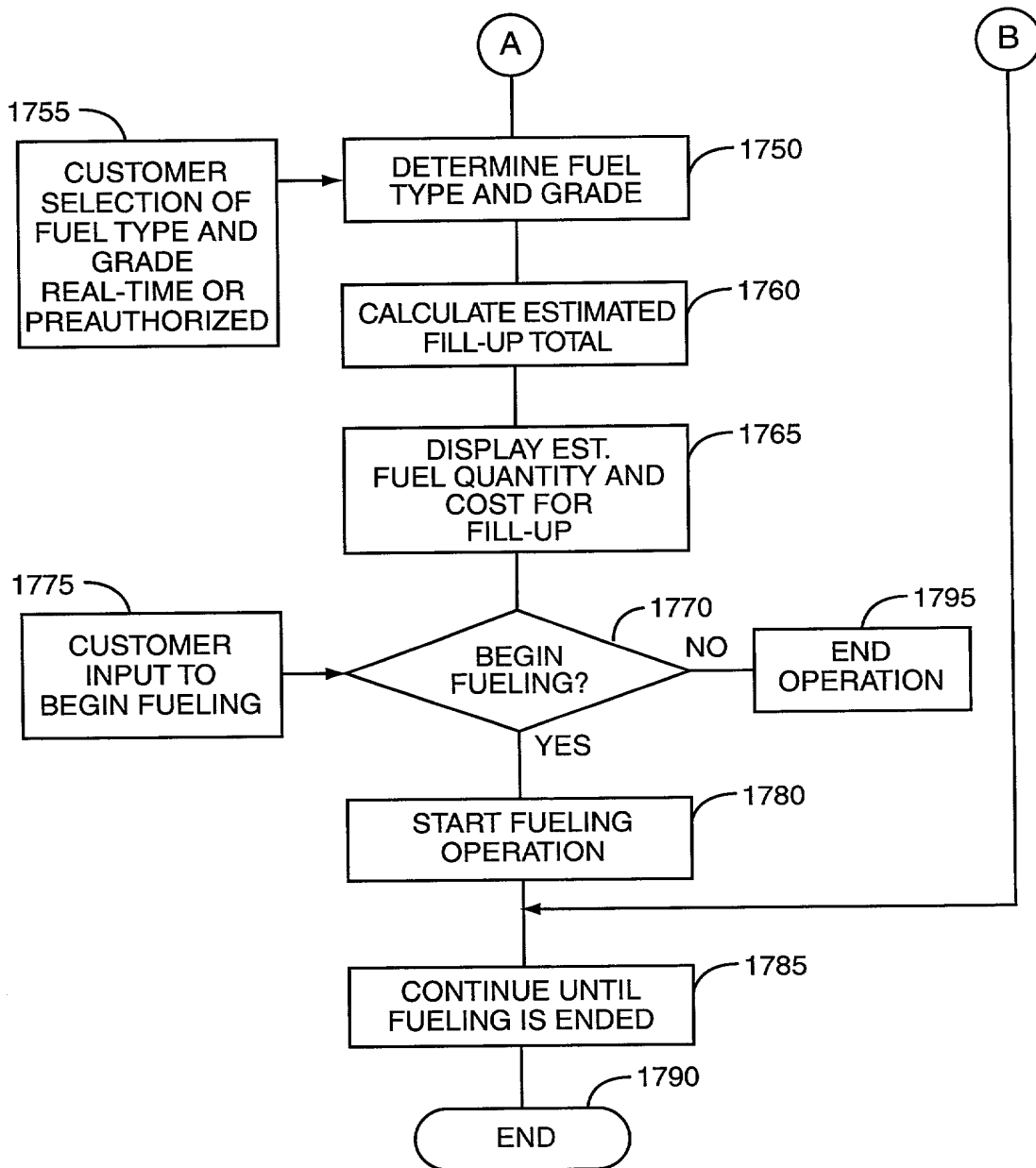


FIG. 29A



**FIG. 29B**

# ULLAGE BASED CASH ACCEPTOR CONTROL

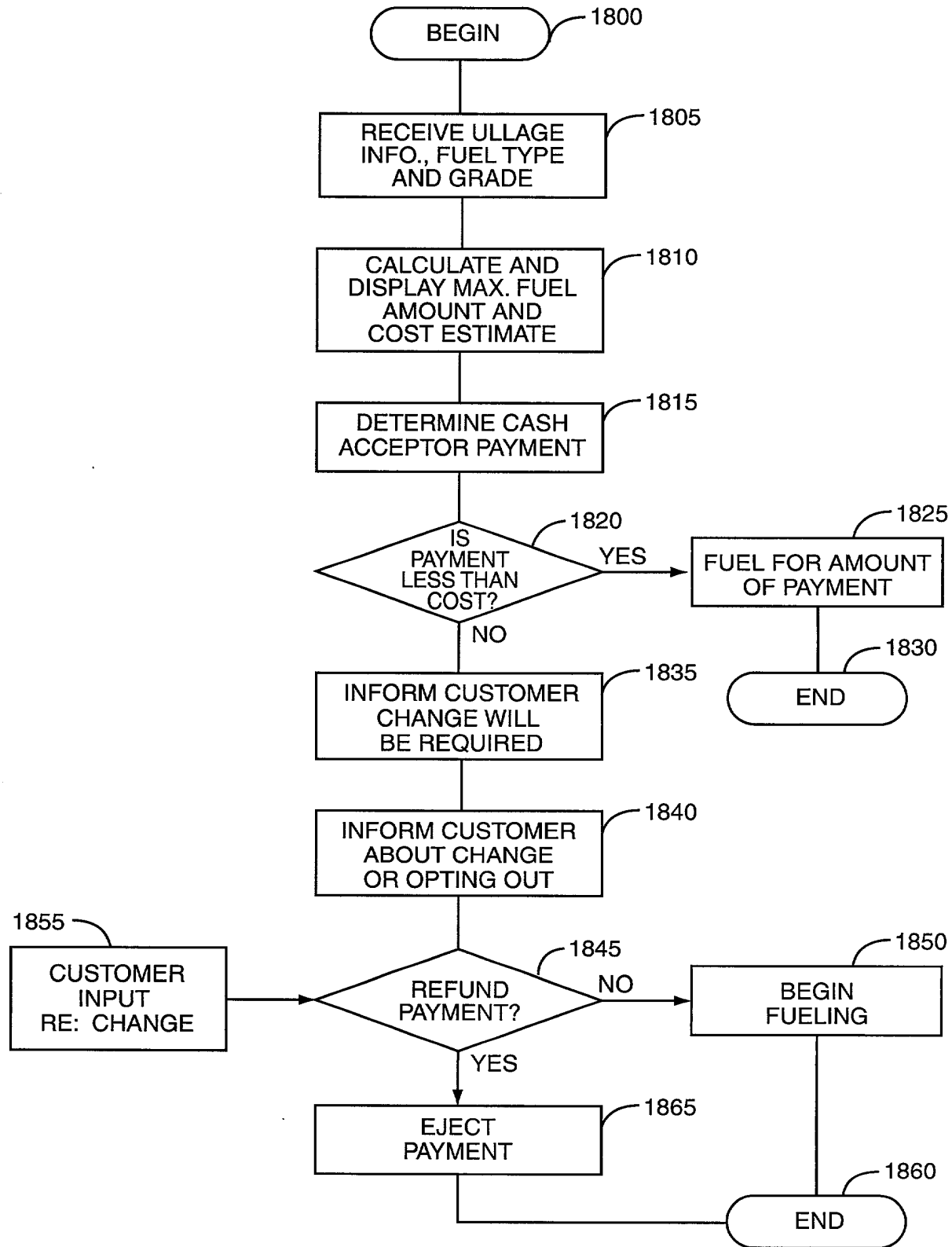


FIG. 30